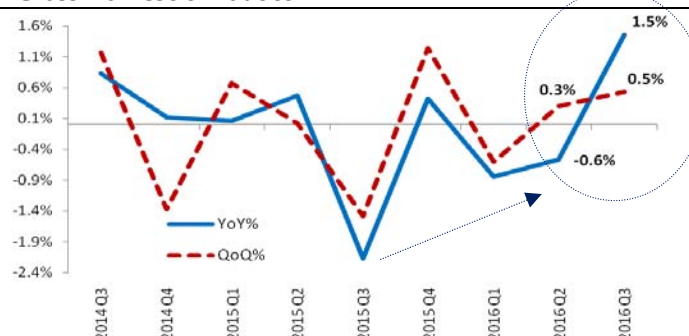


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## The Greek economy performs above market expectations in Q3 2016 (+0.5%/+1.5% QoQ/YoY)

- The Greek economy performed better than expected in Q3 2016. According to the Hellenic Statistical Authority (EL.STAT.) flash estimates, real GDP growth stood at +0.5%/+1.5% QoQ/YoY in Q3 2016 (seasonally adjusted data) from an upward revised +0.3%/-0.6% QoQ/YoY in Q2 2016. The respective provisional data are scheduled to be published on November 29<sup>th</sup> 2016.
- The quarterly real GDP growth rate in Q3 2016 is relatively close to our forecasts published in "Greece Macro Monitor" on November 8<sup>th</sup> 2016 (+0.2% QoQ, MIDAS/Greek Nowcasting model).
- Given Greece's aggregate economic performance during the first 9 months of 2016, we expect a full year real GDP growth rate between -0.3% to 0.0% (EC's Autumn forecast: -0.3%, IMF's WEO October 2016 forecast: +0.1%).

Figure 1: Real Gross Domestic Product



Source: (a) Hellenic Statistical Authority (EL.STAT.).

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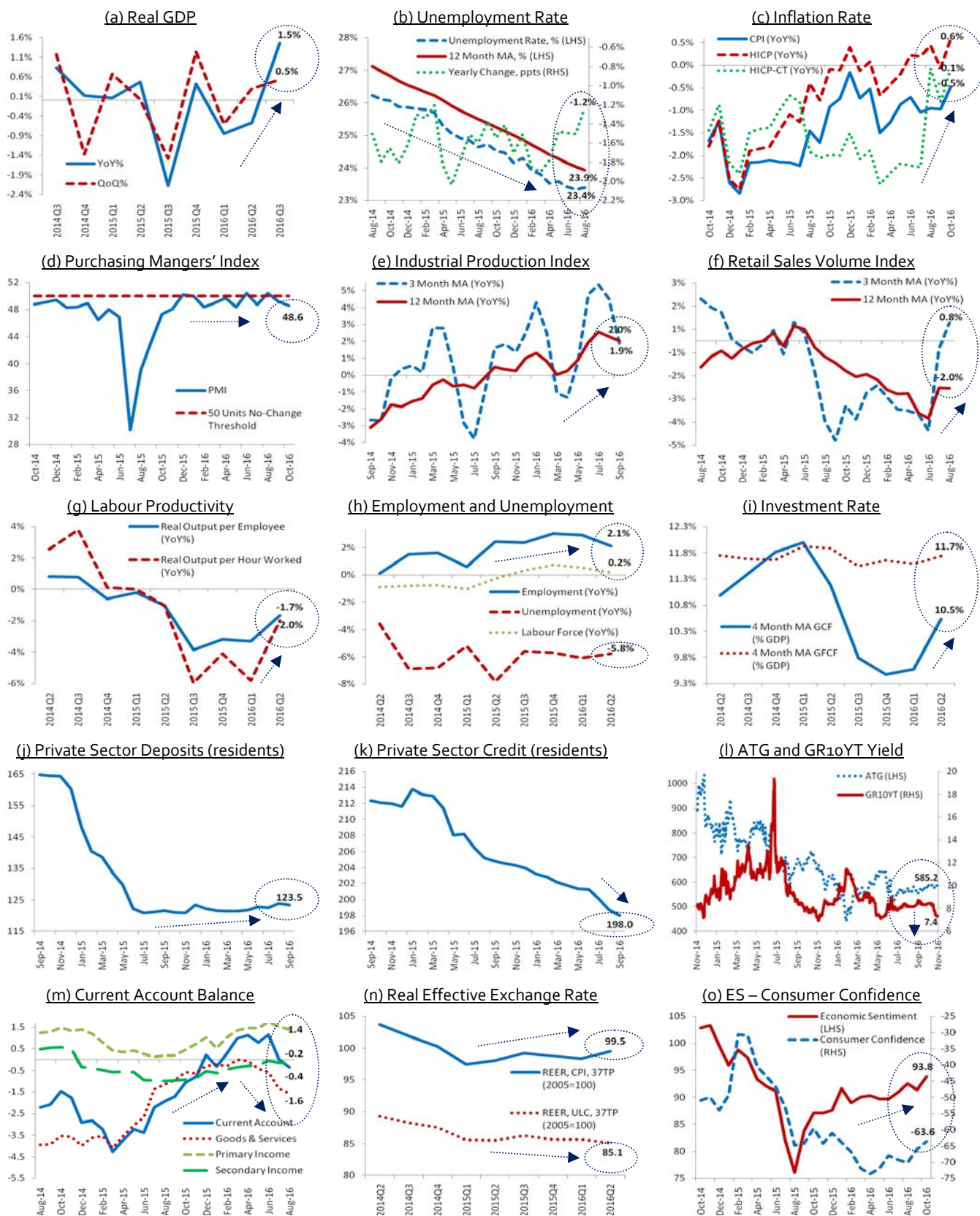
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$$\begin{aligned} & \text{Seasonally Adjusted (YoY\%)} \\ & \text{Real GDP in Chained-Linked Volumes EUR bn} \\ & \frac{46.279 (16Q3) - 45.612 (15Q3)}{45.612 (15Q3)} = +1.5\% \end{aligned}$$

$$\begin{aligned} & \text{Seasonally Adjusted (QoQ\%)} \\ & \text{Real GDP in Chained-Linked Volumes EUR bn} \\ & \frac{46.279 (16Q3) - 46.037 (16Q2)}{46.037 (16Q2)} = +0.5\% \end{aligned}$$

- The potential drivers behind Greece's aggregate economic performance in the 3<sup>rd</sup> quarter of 2016, are domestic demand components like inventory and fixed investment. Furthermore, given that the average of the consumer confidence indicator was higher in Q3 2016 (-68.4 units) relative to the respective figure in the former quarter (-71.2 units), we may also observe a strong deceleration in the downward path behavior of private consumption. Finally, taking into account the negative growth rate (YoY%) of the Greek balance of goods and services (BOP data) during July – August 2016, we expect that the foreign sector will have a negative contribution to Q3 2016 real GDP growth.

Figure 2 : Basic Macroeconomic – Microeconomic Figures of the Greek Economy



Source: (a) EL.STAT., (b) Eurostat, (c) BoG, (d) EC, (e) Markit, (f) Thomson Reuters Eikon.

November 14, 2016

FOCUS NOTES

Basic Macroeconomic - Microeconomic Figures of the Greek Economy (today's publication of Q3 2016 real GDP data is not included)																	
Update: 14/11/2016	Variables	Frequency	Source	Presentation	Seasonal Adjustment	Latest Period Observation	Previous Period Observation	Observations From Previous Years									
<b>Basic Overview</b>																	
	Real Gross Domestic Product	y	(1), (7)	Δ (yoy, %)	-	-0.23%	2015	0.65%	2014	-3.20%	2013	-7.30%	2012	-9.13%	2011	-5.48%	2010
	Real Gross Domestic Product			€ bn		185.08	2015	185.51	2014	184.31	2013	190.39	2012	205.39	2011	226.03	2010
	Real Gross Domestic Product			€ bn		176.02	2015	177.56	2014	180.39	2013	191.20	2012	207.03	2011	226.03	2010
	Unemployment Rate			%		24.90%	2015	26.49%	2014	27.47%	2013	24.44%	2012	17.87%	2011	12.72%	2010
	Consumer Price Index			Δ (yoy, %)		-1.73%	2015	-1.31%	2014	-0.92%	2013	1.51%	2012	3.34%	2011	4.71%	2010
	Harmonized Index of Consumer Prices			Δ (yoy, %)		-1.09%	2015	-1.39%	2014	-0.85%	2013	1.04%	2012	3.13%	2011	4.70%	2010
	Gross Domestic Product Deflator			Δ (yoy, %)		-0.90%	2015	-2.25%	2014	-2.49%	2013	-0.36%	2012	0.81%	2011	0.76%	2010
	Real Gross Domestic Product	q		Δ (qoq, %)	Yes	-0.95%	2016 Q2	-0.97%	2016 Q1	0.82%	2015 Q2	0.17%	2014 Q2	-3.49%	2013 Q2	-8.35%	2012 Q2
	Real Gross Domestic Product			Δ (qoq, %)		0.17%	2016 Q2	0.15%	2016 Q1	0.15%	2015 Q2	-0.32%	2014 Q2	-0.04%	2013 Q2	-1.72%	2012 Q2
	Unemployment Rate	m		%		23.40%	Aug-16	23.34%	Jul-16	24.63%	Aug-15	26.22%	Aug-14	27.73%	Aug-13	25.66%	Aug-12
	Consumer Price Index			Δ (yoy, %)	No	-0.48%	Oct-16	-0.97%	Sep-16	-0.92%	Oct-15	-1.68%	Oct-14	-1.99%	Oct-13	1.62%	Oct-12
	Harmonized Index of Consumer Prices			Δ (yoy, %)		0.58%	2016 Q2	-0.06%	2016 Q1	-0.10%	2015 Q2	-1.80%	2014 Q2	-1.89%	2013 Q2	0.92%	2012 Q2
	Gross Domestic Product Deflator	q		Δ (yoy, %)	Yes	1.51%	2016 Q2	-0.06%	2016 Q1	-0.74%	2015 Q2	-3.20%	2014 Q2	-2.12%	2013 Q2	-0.02%	2012 Q2
<b>Gross Domestic Product Components</b>																	
	Real Private Consumption	q	(1), (7)	Δ (yoy, %)	Yes	-1.72%	2016 Q2	-1.02%	2016 Q1	1.64%	2015 Q2	0.13%	2014 Q2	-2.95%	2013 Q2	-8.79%	2012 Q2
	Real Government Consumption			Δ (yoy, %)		-2.66%	2016 Q2	-2.55%	2016 Q1	-1.47%	2015 Q2	1.94%	2014 Q2	-8.11%	2013 Q2	-6.94%	2012 Q2
	Real Gross Fixed Capital Formation			Δ (yoy, %)		6.97%	2016 Q2	-2.53%	2016 Q1	0.11%	2015 Q2	-7.65%	2014 Q2	-11.83%	2013 Q2	-21.21%	2012 Q2
	Real Exports of Goods and Services			Δ (yoy, %)		-11.38%	2016 Q2	-11.51%	2016 Q1	-1.51%	2015 Q2	4.72%	2014 Q2	4.68%	2013 Q2	-1.43%	2012 Q2
	Real Imports of Goods and Services			Δ (yoy, %)		-7.13%	2016 Q2	-11.86%	2016 Q1	-3.28%	2015 Q2	9.70%	2014 Q2	-2.82%	2013 Q2	-12.58%	2012 Q2
<b>Efficiency</b>																	
	Real Labour Productivity (per employee)	q	(4), (7)	Δ (yoy, %)	No	-1.65%	2016 Q2	-3.31%	2016 Q1	-1.02%	2015 Q2	0.82%	2014 Q2	0.21%	2013 Q2	-1.52%	2012 Q2
	Real Labour Productivity (per hour worked)			Δ (yoy, %)		-2.00%	2016 Q2	-5.83%	2016 Q1	-1.04%	2015 Q2	2.56%	2014 Q2	-0.85%	2013 Q2	-1.77%	2012 Q2
	Unit Labour Cost (per employee)			Δ (yoy, %)		2.46%	2016 Q2	3.53%	2016 Q1	-3.17%	2015 Q2	-5.76%	2014 Q2	-5.54%	2013 Q2	-0.70%	2012 Q2
	Unit Labour Cost (per hour worked)			Δ (yoy, %)		3.19%	2016 Q2	3.50%	2016 Q1	-2.66%	2015 Q2	-6.62%	2014 Q2	-4.45%	2013 Q2	-0.39%	2012 Q2
<b>Labour Market</b>																	
	Employment	m	(1), (7)	000 People	Yes	3687.5	Aug-16	3694.5	Jul-16	3629.8	Aug-15	3546.0	Aug-14	3510.2	Aug-13	3637.2	Aug-12
	Unemployment			000 People		1126.5	Aug-16	1124.8	Jul-16	1186.3	Aug-15	1260.5	Aug-14	1346.8	Aug-13	1255.2	Aug-12
	Labour Force			000 People		4814.0	Aug-16	4819.3	Jul-16	4816.1	Aug-15	4806.5	Aug-14	4857.0	Aug-13	4892.4	Aug-12
	Inactive Population			000 People		3228.4	Aug-16	3226.2	Jul-16	3264.8	Aug-15	3321.6	Aug-14	3321.0	Aug-13	3343.7	Aug-12
<b>Real Estate</b>																	
	Index of Apartment Prices	q	(2), (7)	Δ (yoy, %)	No	-2.61%	2016 Q2	-4.77%	2016 Q1	-4.97%	2015 Q2	-8.26%	2014 Q2	-11.92%	2013 Q2	-10.85%	2012 Q2
	Building Activity (Issued Building Permits)	m	(1), (7)	Δ (yoy, %)		16.64%	Aug-16	35.41%	Jul-16	-11.41%	Aug-15	-19.85%	Aug-14	-10.50%	Aug-13	-48.18%	Aug-12
<b>Industry and Commerce</b>																	
	Purchasing Managers' Indexes (PMI)	m	(6), (7)	Index Units	Yes	48.6	Oct-16	49.2	Sep-16	47.3	Oct-15	48.8	Oct-14	47.3	Oct-13	41.00	Oct-12
	Production Index in Industry			Δ (yoy, %)		0.06%	Sep-16	0.74%	Aug-16	3.21%	Sep-15	-4.19%	Sep-14	-2.96%	Sep-13	-5.35%	Sep-12
	Turnover Index in Industry			Δ (yoy, %)		0.21%	Aug-16	-6.42%	Jul-16	-18.00%	Aug-15	-3.83%	Aug-14	0.53%	Aug-13	2.94%	Aug-12
	Turnover Index in Retail Trade			Δ (yoy, %)		-3.33%	2016 Q2	6.44%	2016 Q1	-4.55%	2015 Q2	2.95%	2014 Q2	-10.32%	2013 Q2	-9.26%	2012 Q2
	Volume Index in Retail Trade			Δ (yoy, %)		-2.66%	2016 Q2	8.57%	2016 Q1	-2.44%	2015 Q2	2.14%	2014 Q2	-9.07%	2013 Q2	-11.47%	2012 Q2
	Turnover Index in Wholesale Trade	q	(1), (7)	Δ (yoy, %)		-4.01%	2016 Q2	-5.00%	2016 Q1	-3.85%	2015 Q2	-0.30%	2014 Q2	-10.09%	2013 Q2	-15.68%	2012 Q2
	Turnover Index for Motor Trade			Δ (yoy, %)		14.34%	2016 Q2	-1.04%	2016 Q1	4.95%	2015 Q2	25.53%	2014 Q2	-3.39%	2013 Q2	-39.25%	2012 Q2
<b>Foreign Sector</b>																	
	Current Account Balance (A+B+C+D)	m	(2), (7)	€ bn	No	-0.35	Aug-16	0.02	Jul-16	-1.94	Aug-15	-2.21	Aug-14	-3.73	Aug-13	-12.06	Aug-12
	A. Balance of Goods (A1+A2+A3)			€ bn		-16.57	Aug-16	-16.58	Jul-16	-19.28	Aug-15	-21.63	Aug-14	-19.73	Aug-13	-22.77	Aug-12
	A1. Oil			€ bn		-2.73	Aug-16	-3.15	Jul-16	-5.41	Aug-15	-6.14	Aug-14	-6.43	Aug-13	-8.88	Aug-12
	A2. Ships			€ bn		-0.17	Aug-16	-0.18	Jul-16	-0.75	Aug-15	-2.48	Aug-14	-1.06	Aug-13	-1.60	Aug-12
	A3. Other Goods			€ bn		-13.67	Aug-16	-13.25	Jul-16	-13.12	Aug-15	-13.01	Aug-14	-12.24	Aug-13	-12.28	Aug-12
	B. Services (B1+B2+B3)			€ bn		14.99	Aug-16	15.23	Jul-16	18.13	Aug-15	17.70	Aug-14	14.91	Aug-13	14.27	Aug-12
	B1. Travel			€ bn		11.27	Aug-16	11.62	Jul-16	12.18	Aug-15	11.17	Aug-14	9.79	Aug-13	8.49	Aug-12
	B2. Transportation			€ bn		3.16	Aug-16	3.12	Jul-16	5.93	Aug-15	6.38	Aug-14	5.35	Aug-13	6.40	Aug-12
	B3. Other Services			€ bn		0.56	Aug-16	0.49	Jul-16	0.03	Aug-15	0.15	Aug-14	-0.23	Aug-13	-0.62	Aug-12
	C. Primary Income (C1+C2+C3)			€ bn		1.40	Aug-16	1.52	Jul-16	0.19	Aug-15	1.24	Aug-14	0.08	Aug-13	-2.50	Aug-12
	C1. Compensation of Employees			€ bn		-0.09	Aug-16	-0.08	Jul-16	-0.33	Aug-15	-0.22	Aug-14	-0.25	Aug-13	-0.30	Aug-12
	C2. Investment and Income			€ bn		-1.55	Aug-16	-1.46	Jul-16	-1.90	Aug-15	-1.52	Aug-14	-2.20	Aug-13	-4.60	Aug-12
	C3. Other Primary Income			€ bn		3.03	Aug-16	3.06	Jul-16	2.42	Aug-15	2.99	Aug-14	2.53	Aug-13	2.40	Aug-12
	D. Secondary Income (D1+D2)			€ bn		-0.17	Aug-16	-0.15	Jul-16	-0.99	Aug-15	0.48	Aug-14	1.01	Aug-13	-1.06	Aug-12
	D1. General Government			€ bn		-0.40	Aug-16	-0.37	Jul-16	-1.03	Aug-15	0.12	Aug-14	0.56	Aug-13	-0.99	Aug-12
	D2. Other Sectors			€ bn		0.23	Aug-16	0.22	Jul-16	0.05	Aug-15	0.36	Aug-14	0.45	Aug-13	-0.07	Aug-12
<b>Fiscal Data (General Government)</b>																	
	General Government Balance % of GDP	y	(1), (7)	%	-	-7.20%	2015	-3.60%	2014	-13.00%	2013	-8.80%	2012	-10.20%	2011	-11.20%	2010
	General Government Primary Balance % of GDP			%		-3.40%	2015	0.40%	2014	-9.00%	2013	-3.70%	2012	-3.40%	2011	-5.30%	2010
	General Government Debt % of GDP			%		176.90%	2015	180.10%	2014	177.70%	2013	159.60%	2012	172.00%	2011	146.20%	2010
<b>State Budget Execution</b>																	
	A. State Budget Net Revenue (Realized)		(5), (7)	€ bn	-	37.82	Sep-16	31.95	Aug-16	28.00	Jul-16	22.99	Jun-16	19.21	May-16	16.01	Apr-16
	B. State Budget Net Revenue (Target)			€ bn		37.31	Sep-16	32.53	Aug-16	28.64	Jul-16	22.85	Jun-16	18.88	May-16	16.16	Apr-16
	Divergence in Net Revenue (A-B)			€ bn		0.51	Sep-16	-0.59	Aug-16	-0.64	Jul-16	0.13	Jun-16	0.33	May-16	-0.15	Apr-16
	C. State Budget Expenditure (Realized)			€ bn		37.23	Sep-16	32.99	Aug-16	28.83	Jul-16	24.00	Jun-16	20.02	May-16	16.17	Apr-16
	D. State Budget Expenditure (Target)			€ bn		40.33	Sep-16	36.41	Aug-16	32.13	Jul-16	27.35	Jun-16	22.76	May-16	18.45	Apr-16
	Divergence in Expenditure (C-D)			€ bn		-3.10	Sep-16	-3.43	Aug-16	-3.30	Jul-16	-3.35	Jun-16	-2.74	May-16	-2.28	Apr-16
	State Budget Primary Balance (Realized)			€ bn		5.44	Sep-16	3.75	Aug-16	3.55	Jul-16	2.47	Jun-16	2.28	May-16	2.72	Apr-16
	State Budget Primary Balance (Target)			€ bn		1.91	Sep-16	0.98	Aug-16	0.87	Jul-16	-1.03	Jun-16	-0.82	May-16	0.57	Apr-16
	State Budget Balance (Realized)			€ bn		0.59	Sep-16	-1.04	Aug-16	-0.83	Jul-16	-1.01	Jun-16	-0.81	May-16	-0.15	Apr-16
	State Budget Balance (Target)			€ bn		-3.02	Sep-16	-3.88	Aug-16	-3.49	Jul-16	-4.49	Jun-16	-3.88	May-16	-2.28	Apr-16
<b>European Central Bank Interest Rates</b>																	
	Deposit Facility Rate		(2), (7)	%	-	-0.40%	Mar-16	-0.30%	Dec-14	-0.20%	Sep-14	-0.10%	Jun-14	0.00%	Nov-13	0.00%	May-13
	Fixed Rate Tenders			%		0.00%	Mar-16	0.05%	Dec-14	0.10%	Sep-14	0.25%	Jun-14	0.50%	Nov-13	0.50%	May-13
	Marginal Lending Facility Rate			%		0.25%	Mar-16	0.30%	Dec-14	0.30%	Sep-14	0.40%	Jun-14	0.75%	Nov-13	1.00%	May-13
<b>Greek Government Securities and Bank D/L IR</b>																	
	Government Benchmark Bond Yield (10 Years)	m	(2), (7)	%	-												

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