# **Global Markets Roundup**





# Markets fret over the pace of US monetary policy tightening (specifically balance sheet reduction)

- The minutes of the March 14-15 Fed meeting were positive regarding the US economy, as well as signaling possible upside risks from fiscal policy, thus confirming that policymakers expect growth to remain strong in 2017, despite a weak first quarter.
- Note that the US unemployment rate fell by 0.2 pps to 4.5% in March (the lowest since May 2007 and below the Fed's long-term estimate of 4.7%). Nevertheless, other details of the labor market report were mixed (see Economics section).
- Importantly, the minutes noted a discussion on possible changes to the Fed's reinvestment policy for both its Treasury (\$1.7tn) and agency MBS holdings (\$1.7tn). Specifically, most FOMC members considered it appropriate beginning later this year to reduce the Fed's balance sheet strategy. Its implementation would likely occur through a gradual phasing out of reinvestments.
- The pace of reduction is the key question. The option of ending reinvestments suddenly could lead to an excessive tightening of financial conditions, and may also lead to market volatility. Thus, we expect the Fed to wind down its reinvestments of its holdings in both USTs and agency MBSs gradually.
- Mr. Draghi stated that further evidence on inflation sustainability is warranted, before altering the ECB's currently accommodative stance. Euro area government bond yields declined on a weekly basis, with the German government 10Yr bond yield down by 10 bps to 0.23% (a six-week low).
- US and Chinese officials agreed to a 100-day plan aimed at reducing bilateral trade imbalances (see graph). As a result, concerns for trade-related aggressions between the two countries have eased, for now.
- Geopolitical concerns have increased following the US missile strike on Syria, as a response to the gas attacks in Idlib. This development raises tensions between the US and Russia and, as a result, Russian assets recorded losses (MICEX index down by 1.7% and the Ruble weakened against the US dollar by 1.5% to RUB 57.25/\$, a 2-week low on Friday).
- Global equity markets were broadly flat (MSCI World: -0.2% wow, +5.0% YtD). Investor attention will now shift to the US earnings season for Q1:17, which starts on April 13th. Consensus expects S&P500 EPS to increase by 8.5% yoy in Q1:17 from 5.1% yoy in Q4:16.
- Oil prices continued to strengthen, with the WTI up by 3.2% wow to \$52.2/barrel. In the past two weeks, oil has recovered markedly (c. 11% for WTI and 9% for Brent), driven by expectations for an extension of the OPEC agreement, unplanned production curbs (i.e. Libya) and geopolitical events.
- The Greek government agreed with its lenders on the main outstanding issues of the 2nd review of the economic programme. Once a final agreement is reached, and the accompanying legislation passed through Parliament, discussions on debt relief -- a necessary condition for IMF participation -- will begin. 10Yr GGBs bond yield spread over the German Bund declined by 23 bps on Friday (7/4) to 664 bps, and by 6 bps on Monday to 657bps (see graph page 3).

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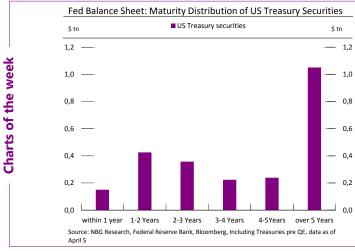
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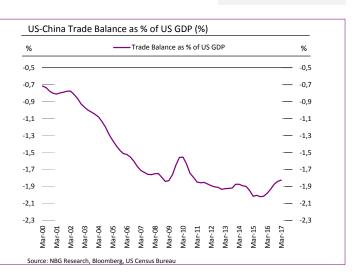
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## **US labor market continues to tighten**

• The US unemployment rate reached multi-year lows in March. Total household employment (which also includes the selfemployed and agricultural workers) rose by a robust 472k. As a result, the unemployment rate (U-3) was down 0.2 pps to 4.5% (a c. 10-year low), already reaching the Fed's projected level for Q4:17 and dropping 0.2 pps below its estimate for NAIRU. The labor force participation rate remained unchanged at 63.0%. Furthermore, the U-6 unemployment rate (a broader measure of labor market slack, which includes the unemployed, part-time workers for economic reasons, and those workers marginally attached to the labor force) declined sharply, by 0.3 pps to 8.9%, the lowest level since December 2007. Wages continue to post strong gains, with average hourly earnings at +2.7% yoy from +2.8% yoy previously, in line with consensus estimates. Finally, nonfarm payrolls rose by 98k, from 219k in February, while revisions for the previous 2 months were negative (-38k). However, adverse weather conditions (Winter Storm Stella) could have partly distorted the latest readings.

# Business confidence eased, albeit remaining elevated

• The ISM report revealed a slight slowdown in March. The ISM manufacturing index declined to 57.2, down 0.5 pts from its highest reading since August 2014, posted in February, and in line with consensus estimates. At the same time, its non-manufacturing counterpart fell to 55.2 from a 16-month high of 57.6 previously, below expectations for 57.0. Overall, available data suggest that business investment was an important growth driver in Q1:17. Note also that in both surveys, the new export orders component (not incorporated in the calculation of the headline index) reached multi-year highs, suggesting some upside risk for net exports going forward.

# The trade deficit narrowed in February

• The US trade balance improved by more than expected in February, with exports increasing moderately for a 3<sup>rd</sup> consecutive month and imports declining. Goods exports (constant prices) rose by 0.3% mom (4.5% yoy), while goods imports decreased by 2.6% mom (+0.6% yoy). As a result, the trade deficit (constant prices) narrowed by \$5.4bn to \$59.7bn and stood at 4.3% of GDP (12-month rolling sum). The data, so far in Q1:17, suggest a broadly neutral contribution from net exports to overall real GDP growth. In the event, it should be noted that, according to the Atlanta Fed's GDPNowcast model, GDP growth for Q1:2017 is currently expected at 1.2% qoq saar, from 2.8% qoq saar (on average) in H2:2016, mainly due to lower consumption and inventory destocking.

# Euro area consumer spending moderates

• Euro area retail sales data were strong in February, albeit the underlying trend is consistent with a moderation in activity in Q1:17. Retail sales (in volume terms) rose by 0.7% mom (1.8% yoy) in February, from an upwardly revised (by 0.2 pps) +0.1% mom (1.6% yoy) in January, exceeding consensus estimates for 0.5% mom. Nevertheless, so far in Q1:17 (average of January-February), retail sales growth is flat (+0.05%) compared with the respective period in Q4:16 (average of October-November). On a positive note, the unemployment rate declined to 9.5% in February (the lowest since May 2009) from 9.6% in January. Note that the

unemployment rate has reversed more than half of the increase recorded post-crisis (trough of 7.3% in March 2008 and a peak of 12.1% in April 2013), although the divergence on a country-by-country basis remains wide (Germany: 3.9%, Spain: 18%).

# UK industrial output disappointed in February...

• UK industrial production eased for a second consecutive month, declining by 0.7% mom in February below consensus expectations for positive growth. On an annual basis, industrial production slowed to 2.8%, from 3.3% in January. Manufacturing (which accounts for c. 70% of total output) recorded a modest monthly contraction (-0.1%), while accelerating to 3.3% yoy from 2.6% yoy previously. So far in Q1:17, manufacturing production is up 0.8% qoq, from 1.2% in Q4:16.

### ...but business surveys strengthened in March

Business surveys increased in March, supporting the view of resilience in the business sector. The PMI composite index rose to 54.9 from 53.8 in February, above consensus expectations. This was driven by an increase in the services sector, as manufacturing slowed slightly. New orders increased strongly, but price pressures remained high due to the weaker pound. In all, the composite index stood above 50.0 (expansion/contraction threshold) for an 8th consecutive month, reflecting an ongoing strength in business activity, albeit it has declined from a 17-month high (56.7) in December '16. Note that the latest PMI readings are consistent with GDP growth of 0.4%-0.5% qoq in Q1:17, from 0.7% qoq in Q4:16.

# The Tankan survey improves for a 3<sup>rd</sup> consecutive quarter

In Japan, the Tankan survey, that assesses business conditions, shows improved business sentiment. The Tankan current conditions index for large manufacturers rose to +12 in March (+10 in December), slightly below estimates for +14. Regarding activity for three months ahead, the Tankan survey also improved (+11 in March, from +8 in December). It should be noted that companies revised down to +0.4% yoy the FY:2016 (April 2016-March 2017) fixed investment plan, from +1.8% yoy in the December survey, The initial fixed investment plan for FY:2017 is -1.3% yoy. However, the latter, albeit negative, is the most bullish start on a relative basis (Japanese companies tend to start their capex projections on a pessimistic note) since the initial FY:2012 capex plan, suggesting that companies may have carried forward plans they were unable to execute at the end of FY:2016. Moreover, the corporates' assessment was based on a stronger Yen compared with current levels. Indeed, respondents assumed an exchange rate of ¥108.5/USD for FY:2017, thus a stronger Yen compared with current levels (¥111/USD).



# **Equities**

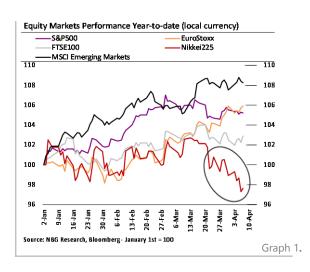
Global equity markets recorded modest losses during the past week as investors' risk appetite eased, due to mixed economic data and a mildly hawkish Fed. The US missile strike on a military base in Syria, albeit supporting oil, had a negative impact on Russian assets (MICEX index: -1.7% on Friday 7/4). In all, the MSCI World Index declined by 0.2% (+5.0% YtD). Developed markets underperformed their emerging market peers (-0.3% vs 0.7%). In the absence of substantial shifts in market expectations regarding the normalization of US monetary policy, EM equities have remained buoyant (+8.2% YtD) against the backdrop of improving growth and recovering investment flows. In the US, the S&P500 index fell slightly by 0.3% wow, as financials and consumer discretionary sectors performed poorly (-1.0% and -0.8%, respectively). In contrast, the energy sector rose for a 2<sup>nd</sup> consecutive week (+0.6% wow). European markets were slightly more optimistic, with the EuroStoxx index flat on a weekly basis and the FTSE100 Index increasing by 0.4% wow. Japan's Nikkei225 index was down for a 4<sup>th</sup> week in a row, underperforming by 1.3% wow. The index has lost 4.8% since March 10th, as a stronger yen (+3.4% in NEER) and trade-related uncertainty have taken their toll.

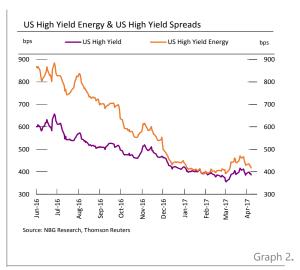
# **Fixed Income**

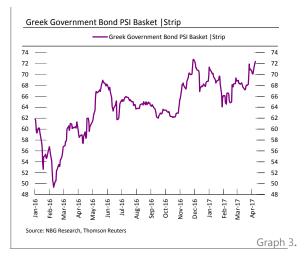
- Long-term nominal Government bond yields were mixed in major advanced economies. The US Treasury 10-year yield was relatively stable, declining modestly by c. 1 bp on a weekly basis to 2.38%, while core European government bond yields fell strongly. The UK's 10-year Gilt yield was down by 6 bps wow to 1.08% (hovering around its lowest level since October '16) and Germany's 10-year Bund yield declined by 10 bps wow to 0.23% (a c. 6-week low), with Mr Draghi noting that policymakers needed more evidence of the sustainability of inflation, before making any change to ECB policy components. Euro area periphery bond spreads recorded modest changes (stable at +199 bps for Italian 10Yr BTPs, +5 bps to 137 bps for Spanish 10Yr Bonos and -1bp to 363 bps for Portugal's 10Yr government bond). The 10Yr Greek government bond spread fell by 23 bps on Friday (-2 bps wow) to 664 bps, following the Eurogroup agreement.
- US High Yield corporate bond spreads continued to benefit from higher oil prices during the past week. US HY spreads fell by 6 bps wow to 386 bps, while their euro area counterparts were broadly stable (+1 bp to 358 bps). Investment grade bonds spreads recorded modest changes as well, with euro area IG bond spreads up by 1 bp to 121 bps and US IG spreads slightly down by 1 bp wow to 123 bps.

### **FX & Commodities**

- In foreign exchange markets, the USD increased modestly on a weekly basis, supported by Fed and geopolitical developments. The USD rose by 0.6% wow against the euro to \$/1.059 and by 1.4% against the GBP to \$/1.237. Similarly, the Japanese yen strengthened over the week (up c. 1.0% wow in NEER terms), inter alia, supported by the US strike on Syria and increased demand for safe-haven assets. In contrast, EM currencies lost ground (-0.7% wow against the USD), with the Ruble declining by 1.8% wow to c. RUB 57.25/\$ (a c. 2-week low).
- In commodities, oil prices strengthened, with the WTI increasing by 3.2% wow to \$52.2/barrel. However, note that much of the price recovery in the past two weeks (c. 11% for WTI and 9% for Brent) has been driven by idiosyncratic factors, such as expectations for an extension to the OPEC deal, unplanned production curbs in Libya and events of geopolitical importance. Indeed, oil inventories continued to rise in the US (+1.6 mb to c. 536 mb for the week ending March 31st), questioning the sustainability of a price recovery. In precious metals, gold was up slightly, by 0.4% wow to \$1.254/ounce (8.9% YtD).







Quote of the week: "We should be allowing the balance sheet to normalize naturally now, during relatively good times, in case we are forced to resort to balance sheet policy in a future downturn", James Bullard, St. Louis Fed, President & CEO, April 10<sup>th</sup> 2017



# Tactical Asset Allocation (3-month)

- Equities: We are Overweight amidst expectations for a recovery in global growth. O/W Euro area on declining political risks and O/W Emerging markets as the hurdle of an aggressive Fed has subsized for now. O/W Banks (US, Euro area) due to higher yields and relative valuations.
- Government Bonds: The trend of higher long-term Government yields will continue reflecting a buildup in inflation expectations.
   Underweight Govies. Steeper curves, particularly in Bunds. Until French elections though, Bunds may attract flows due to political risks.
- Credit: Credit spreads have less fuel to run from current levels with US Investment Grade at 122 bps. Broadly neutral in credit.
- Cash: We hold an OW position in cash, as a hedge, as well as a way of being tactical.

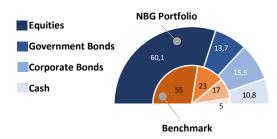
# **NBG Global Markets - Main Equity Sector Calls**

US Sector	Position	View/Comment
Banks	ow	Rising rates support interest margins, less regulation also positive
Energy	Neutral	OPEC's deal implementation remains a risk, albeit recent correction might overshadow supply/demand fundamentals
Cyclical Sectors*	UW	We choose to position for reflation by being OW Banks. Risks from delayed tax reform and trade frictions
Defensive Sectors**	ow	We balance our Cyclicals UW position by upgrading Defensives across the board

EA Sector	Position	View/Comment
Banks	ow	Steeper curves and attractive valuations on P/B terms should offset bouts of volatility
Energy	Neutral	OPEC's deal implementation remains a risk, albeit recent correction might overshadow supply/demand fundamentals
Cyclical Sectors*	UW	To fund our OW in Defensives and Banks, we trim our exposure to Cyclicals
Defensive Sectors**	ow	We combine our EA O/W with bond-like equity sectors that may continue to overperform with Bunds still very low. Less conviction on Staples

<sup>\*</sup>Including Technology and Industrials

# **Total Portfolio Allocation**





# **Detailed Portfolio Breakdown**

Equities	Portfolio	Benchmark	ow/uw
US	50	52	-2,0
Euro area	12	10	2,0
UK	5	7	-2,0
Rest of Dev. Europe	5	5	-
Japan	7	7	-
Rest of Dev. World	8	8	-
EM Asia	8	7	1,0
EM Latin America	3	2	0,5
EMEA	3	2	0,5

Portfolio	Benchmark	OW/UW
49	46	3,0
6	6	-
12	15	-3,0
7	7	-
26	26	-
		Portfolio Benchmark

<b>Corporate Bonds</b>	Portfolio	Benchmark	OW/UW
US Industrials	22	32	-10,0
US Banks	22	12	10,0
US High Yield	12	12	-
EUR Industrials	5	9	-4,5
EUR Banks	14	9	4,5
EUR High Yield	4	4	-
UK Industrials	2	3	-1,5
UK Banks	5	3	1,5
Emerging Markets	16	16	-

# Notes:

- (1) The orange inner half-circle of the chart displays asset class weights for the benchmark portfolio. The blue-color representation (outside half-circle) shows asset class weights for the model portfolio.
- (2) All figures shown are in percentage points.
- (3) OW/UW: Overweight/Underweight relative to Benchmark.
- (4) Green (red) color arrows suggest an increase (decrease) in relative asset class weights (portfolio vs benchmark) over the last week.

<sup>\*\*</sup>Including Healthcare, Utilities, Telecoms



# US

Fiscal loosening + EPS acceleration

**Equity Markets** 

**Government Bonds** 

Foreign Exchange

- Cash-rich corporates lead to share buybacks and higher dividends (de-equitization)
- Demanding valuations
- Peaking profit margins
- Protectionism and trade wars

#### **Euro Area**

- Still high equity risk premium due to policy uncertainty
- Credit conditions gradual turn more favorable
- Small fiscal loosening
- Sovereign debt crisis could re-emerge
- EPS estimates are declining
- Strong Euro in NEER terms (2016 vs 2015)

Upside risk in US

benchmark yields

Valuations appear

with long-term

fundamentals

Political Risk

Gradually less

accommodative

low

excessive compared

Fragile growth outlook

Medium-term inflation

expectations remain

Neutral

### Japan

- Aggressive QE by the BoJ
- Upward revisions in corporate earnings
- Signs of policy fatigue regarding structural reforms and fiscal discipline
- Strong appetite for foreign assets
- If sustained, Japanese Yen appreciation hurts exporters companies

#### UK

- 65% of FTSE100 revenues from abroad
- Undemanding valuations in relative terms
- High UK exposure to the commodities sector assuming the oil rally continues
- **Elevated Policy** uncertainty to remain due to the outcome of the Referendum and the negotiating process

#### **Neutral/Positive**

# Valuations appear rich

- Underlying inflation pressures
- The Fed is expected to increase its policy rate towards 1,5% by end-2017
- Global search for yield by non-US investors continues
- Fed's commitment on gradual tightening policy
- Safe haven demand

#### Neutral

- Sizeable fiscal deficits
- Restructuring efforts to be financed by fiscal policy measures
- Safe haven demand
- Extremely dovish central bank
- Yield-targeting of 10-Year JGB at around 0%

# Neutral/Negative

- **Elevated Policy** uncertainty to remain due to the outcome of the Referendum and the negotiating process
- Rich valuations
- Inflation overshooting due to GBP weakness feeds through inflation expectations
- The BoE is expected to cut rates or/and re-activate asset purchases
- Slowing economic growth post-Brexit

**Higher yields expected** 

# Higher yields expected

# The Fed is expected to increase its policy rate towards 1.5% in 2017

- Growth to remain slightly above-trend in 2017
- Destination-based taxation with border adjustment
- Mid-2014 rally probably out of steam
- Wars

# Protectionism and trade

# Long USD against its major counterparts

# **Higher yields expected**

monetary policy by the

- Reduced short-term tail
- Higher core bond yields
- Current account surplus
- Sluggish growth
- Deflation concerns
- The ECB's monetary policy to remain extra loose (Targeted-LTROs, ABSs, covered bank bond purchases, Quantitative Easing)
- Flat EUR against the USD with upside risks short term

# Stable yields expected

- Safe haven demand
- More balanced economic growth recovery (long-
- Inflation is bottoming out
- Additional Quantitative Easing by the Bank of Japan if inflation does not approach 2%
- Transitions phase negotiations
- The BoE to retain rates at current levels
- Slowing economic growth post-Brexit
- Sizeable Current account deficit (-5.5% of GDP)
- **Elevated Policy** uncertainty to remain due to the outcome of the Referendum and the negotiating process
  - Weaker GBP against the **EUR and the USD**

#### Lower JPY against the USD



	Turkey	Romania	Bulgaria	Serbia
	Attractive valuations	<ul> <li>Attractive valuations</li> </ul>	★ Attractive valuations	Attractive valuations
•	<ul> <li>Weak foreign investor appetite for emerging</li> </ul>	<ul> <li>Weak foreign investor appetite for emerging</li> </ul>	<ul> <li>Low-yielding domestic debt and deposits</li> </ul>	<ul> <li>Weak foreign investor appetite for emerging</li> </ul>
Equity Markets	market assets	market assets	<ul> <li>Weak foreign investor appetite for emerging market assets</li> </ul>	market assets
- Equity	Neutral/Positive stance on equities	▲ Neutral/Positive Stance on equities	▲ Neutral/Positive Stance on equities	▲ Neutral/Positive Stance on equities
ebt	<ul><li>Low public debt-to-GDP ratio</li><li>Loosening fiscal stance</li></ul>	<ul><li>Low public debt-to-GDP ratio</li><li>Easing fiscal stance</li></ul>	<ul> <li>Very low public debt-to- GDP ratio and large fiscal reserves</li> </ul>	<ul> <li>Positive inflation outlook</li> <li>Precautionary Stand-By         Agreement with the IMF     </li> </ul>
Domestic Debt	Stubbornly high inflation	<ul> <li>Envisaged tightening in monetary policy</li> </ul>	<b>◆</b> Low inflation	<ul> <li>Large public sector borrowing requirements</li> </ul>
_	Stable to lower yields	▼ Stable to higher yields	▲ Stable to lower yields	▲ Stable to lower yields
ebt ——	<ul><li>High foreign debt yields</li><li>Sizeable external financing requirements</li></ul>	<ul><li>Strong external position</li><li>Large external financing requirements</li></ul>	<ul> <li>Solidly-based currency board arrangement, with substantial buffers</li> <li>Current account surplus</li> </ul>	<ul> <li>Ongoing EU membership negotiations</li> <li>Precautionary Stand-By Agreement with the IMF</li> </ul>
Foreign Debt	• Weak foreign investor appetite for emerging market assets		<ul> <li>Large external financing requirements</li> </ul>	<ul> <li>Sizable external financing requirements</li> </ul>
- Fo	market assets		<ul> <li>Heightened domestic political uncertainty</li> </ul>	<ul> <li>Slow progress in structural reforms</li> </ul>
	Stable to narrowing spreads	▲ Stable to narrowing spreads	▲ Stable to narrowing spreads	▲ Stable to narrowing spreads
	High domestic debt yields	<ul><li>Strong external position</li><li>Large external financing</li></ul>	<ul><li>Currency board arrangement</li></ul>	<ul> <li>Ongoing EU membership negotiations</li> </ul>
ange	Sizable external financing requirements	requirements	<ul> <li>Large foreign currency reserves and fiscal</li> </ul>	<ul> <li>Precautionary Stand-By Agreement with the IMF</li> </ul>
Exch	Weak foreign investor appetite for emerging		reserves  Current account surplus	<ul> <li>Sizable external financing requirements</li> </ul>
Foreign Exchange	<ul><li>market assets</li><li>Increasing geopolitical risks and domestic political</li></ul>		<ul> <li>Sizable external financing requirements</li> </ul>	
- -	uncertainty		<ul> <li>Heightened domestic political uncertainty</li> </ul>	
•	Weaker to stable TRY against the EUR	▲ Stable to stronger RON against the EUR	<ul> <li>Stable BGN against the EUR</li> </ul>	▼ Weaker to stable RSD against EUR



— Interest Rates & For	eign Excl	nange Fore	ecasts —						
10-Yr Gov. Bond Yield (%)	Apr. 7th	3-month	6-month	12-month	Official Rate (%)	Apr. 7th	3-month	6-month	12-month
Germany	0,23	0,40	0,50	0,70	Euro area	0,00	0,00	0,00	0,00
US	2,38	2,65	2,75	2,90	US	1,00	1,00	1,25	1,50
UK	1,08	1,48	1,60	1,68	UK	0,25	0,25	0,25	0,25
Japan	0,06	0,06	0,07	0,11	Japan	-0,10	-0,10	-0,10	-0,10
Currency	Apr. 7th	3-month	6-month	12-month		Apr. 7th	3-month	6-month	12-month
EUR/USD	1,06	1,08	1,05	1,05	USD/JPY	111	117	117	118
EUR/GBP	0,86	0,90	0,89	0,89	GBP/USD	1,24	1,20	1,17	1,18
EUR/JPY	118	126	123	124					
Forecasts at end of period									

United States	2015a	Q1:16a	Q2:16a	Q3:16a	Q4:16a	2016a	Q1:17f	Q2:17f	Q3:17f	Q4:17f	2017f
Real GDP Growth (YoY) (1)	2,6	1,6	1,3	1,7	2,0	1,6	2,0	2,4	2,2	2,4	2,2
Real GDP Growth (QoQ saar) (2)	-	0,8	1,4	3,5	2,1	-	1,1	2,8	2,8	2,8	-
Private Consumption	3,2	1,6	4,3	3,0	3,5	2,7	1,3	2,3	2,6	3,4	2,6
<b>Government Consumption</b>	1,8	1,6	-1,7	0,8	0,2	0,8	1,2	1,0	1,0	0,8	0,7
Investment	3,9	-1,1	-1,0	0,2	2,6	0,6	5,3	5,3	5,4	2,7	3,6
Residential	11,7	7,8	-7,8	-4,1	9,6	4,9	7,0	4,0	3,5	3,5	3,8
Non-residential	2,1	-3,4	1,0	1,4	0,9	-0,5	4,8	5,7	5,9	2,4	3,5
Inventories Contribution	0,2	-0,4	-1,2	0,4	1,0	-0,4	-0,6	0,2	0,0	0,0	0,1
Net Exports Contribution	-0,7	0,0	0,2	0,9	-2,0	-0,1	-0,3	-0,1	-0,1	-0,1	-0,3
Exports	0,1	-0,7	1,8	10,0	-4,5	0,4	7,8	2,2	2,2	2,2	3,2
Imports	4,6	-0,6	0,2	2,2	8,9	1,1	7,7	2,2	2,2	2,6	4,7
Inflation (3)	0,1	1,1	1,0	1,1	1,8	1,3	2,8	2,6	2,7	2,7	2,7
Euro Area	2015a	Q1:16a	Q2:16a	Q3:16a	Q4:16a	2016a	Q1:17f	Q2:17f	Q3:17f	Q4:17f	2017
Real GDP Growth (YoY)	1,9	1,7	1,6	1,8	1,7	1,7	1,6	1,6	1,6	1,7	1,6
Real GDP Growth (QoQ saar)	-	2,1	1,3	1,7	1,6	-	1,6	1,7	1,7	1,8	-
Private Consumption	1,8	2,9	1,4	1,3	1,8	1,9	1,7	1,7	1,7	1,7	1,7
<b>Government Consumption</b>	1,3	2,7	1,3	0,5	1,8	1,8	1,2	1,3	1,7	1,8	1,4
Investment	3,0	1,4	5,0	-2,7	2,3	2,5	2,8	3,2	2,6	2,6	2,2
Inventories Contribution	-0,2	-0,9	-0,7	0,7	0,4	0,0	0,0	0,0	0,0	0,0	0,1
Net Exports Contribution	0,2	0,5	0,0	0,7	-0,6	-0,2	-0,2	-0,1	-0,1	-0,1	-0,1
Exports	6,3	0,7	5,2	1,4	6,1	2,7	3,4	3,6	3,7	3,7	3,8
Imports	6,3	-0,5	5,8	-0,2	8,0	3,4	4,2	4,2	4,3	4,2	4,4
Inflation	0,0	0,0	-0,1	0,3	0,7	0,2	1.8	1,5	1,5	1,5	1,6

<b>Economic Indicators</b>							Stock Markets (in loc	al currenc	cy)		
Real GDP Growth (%)	2012	2013	2014	2015	2016	2017f	Country - Index	10/4/2017	Last week return (%)	Year-to-Date change (%)	2-year change (%
Turkey	4.8	8,5	5,2	6,1	2,9	3,5	Turkey - ISE100	91.240	2,9	16.8	10.4
Romania	0.6	3.5	3.1	3,9	4.8	4.0	Romania - BET-BK	1.541	0.7	14.7	13,4
Bulgaria	0,0	0,9	1,3	3,6	3,4	3.7	Bulgaria - SOFIX	654	3,3	11,6	27,5
Serbia	-1.0	2.6	-1,8	0.8	2,8	3,7	Serbia - BELEX15	726	-0,6	1,2	0,9
Headline Inflation (eop	, -	2,0	.,0	0,0	_,	5/2	Financial Markets	10/4/2017	3-month forecast	6-month	12-month
Turkey	6,2	7,4	8,2	8,8	8,5	9,2			Torecast	forecast	forecast
Romania	5,0	1,6	0,8	-0,9	-0,5	2,0	1-m Money Market Rate	(%)			
Bulgaria	4,2	-1,6	-0,9	-0,4	0,1	0,6	Turkey	12,3	12,5	11,5	10,5
Serbia	12,2	2,2	1,7	1,5	1,6	2,8	Romania	0,6	0,9	1,2	1,5
							Bulgaria	0,0	0,1	0,1	0,2
Current Account Balanc	e (% of	GDP)					Serbia	3,3	3,4	3,5	3,8
Turkey	-5,6	-6,7	-4,7	-3,7	-3,8	-4,5	Currency				
Romania	-4,8	-1,1	-0,7	-1,2	-2,4	-3,0	TRY/EUR	3,95	4,00	3,90	3,80
Bulgaria	-0,9	1,3	0,1	0,4	3,8	3,0	RON/EUR	4,51	4,49	4,49	4,50
Serbia	-11,6	-6,1	-6,0	-4,7	-4,0	-3,6	BGN/EUR	1,96	1,96	1,96	1,96
							RSD/EUR	123,8	123,2	124,0	125,0
iscal Balance (% of GD	P)						Sovereign Eurobond Sp	read (in bp	s)		
Turkey	-1,9	-1,0	-1,1	-1,0	-1,1	-2,0	Turkey (USD 2020)(*)	232	250	230	200
Romania	-2,5	-2,5	-1,7	-1,5	-2,4	-3,8	Romania (EUR 2024)	198	180	165	150
Bulgaria	-0,4	-1,8	-3,7	-2,8	1,6	-1,0	Bulgaria (EUR 2022)	137	120	116	110
Serbia : NBG forecasts	-6,8	-5,5	-6,6	-3,7	-1,4	-1,2	Serbia (USD 2021)(*) (*) Spread over US Treasuries	170	185	180	170



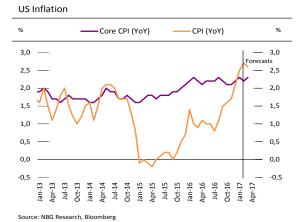
# **Economic Calendar**

The main macro event next week in the US are retail sales and inflation data for March. Inflation is expected at 2.6% yoy in March, from 2.7% yoy in February.

In the euro area, markets will focus on industrial production data for February. Industrial production is expected to decrease on a monthly basis (+0.1% mom from +0.9% mom in January).

In UK, the labor market report for February is released. Unemployment rate is expected to remain stable at 4.7% in February.

In China, the first estimate for Q1:17 GDP is released on Monday, and is expected at 1.5% qoq, from 1.7% in Q4:16.



#### Economic News Calendar for the period: April 4 - April 17, 2017

US Trade balance (\$bn)   February   -44.6   + -43.6   -48.2   ADP Employment Change (k)   March   185   + 263   245   Initial Jobless Claims (k)   April 1   St. Non-manufacturing   March   57.0   + 55.2   57.6   St. Non-manufacturing   March   57.0   + 55.0   St. Non-manufacturing   March   St. Non-manufacturing   St. Non-manufacturing   March   St. Non-manufacturing   St. Non-manufacturing   St. Non-manufacturing   St. Non-manufacturing   March   St. Non-manufacturing   St	PS UK Construction  REA es (MoM)			25 20
UK         March         52.5         52.2         52.5         53.3         60 March 15         72.0         53.3         80 March 12         72.0         73.3         80 March 12         73.3         <	PS UK Construction  REA es (MoM)			
Markit/CIPS UK Construction	REA es (MoM)	larch 25 203(	0 + 2028	20
Markit/CIPS UK Construction March 52.5 - 52.2 52.5 PMI EURO AREA Retail sales (MoM) February 0.5% + 0.7% 0.1% Retail sales (YoY) February 1.0% + 1.8% 1.5%  Friday 7  FoMC Minutes March 15 UK Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  March 15  March 53.4 + 55.0 53.3  Monday 10	REA es (MoM)			
PMI	es (MoM)			
EURO AREA  Retail sales (MoM) February 0.5% + 0.7% 0.1%  Retail sales (YoY) February 1.0% + 1.8% 1.5%  Friday 7  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3  Markit/CIPS UK Services PMI March 53.4 + 55.0 53.3	es (MoM)			
Retail sales (MoM)	es (MoM)			
Retail sales (YoY)         February         1.0% + 1.8% 1.5%           Friday 7         Monday 10				
Friday 7 Monday 10	es (YOY)			
US S A P JAPAN S A P JAPAN		S	A	-
Change in Nonfarm Payrolls (k) March 180 - 98 219 Leading Index February 104.6 - 104.4 104.9 Eco Watchers Current Survey March	Nonfarm Payrolle (k)			48
				50
		viaitii 50./	<b>-</b> 40. l	50
Unemployment rate March 4.7% + 4.5% 4.7% GERMANY				
Average Hourly Earnings MoM March 0.2% 0.2% 0.3% Industrial Production (sa, MoM) February -0.2% - 2.2% 2.2%				
Average Hourly Earnings YoY March 2.7% 2.8%				
Average weekly hours (hrs) March 34.4 34.3 34.3 Industrial Production (wda, YoY) February 0.5% - 2.5% -0.5%				
Underemployment rate March 8.9% 9.2%				
Labor Force Participation Rate March 63.0% 63.0%	ce Participation Rate			
Wholesale trade February 0.6% 0.3%	e trade			
UK				
Industrial Production (MoM) February 0.2%0.7% -0.3%	Production (MoM)			
Industrial Production (YoY) February 3.7% - 2.8% 3.3%				
Tuesday 11 Wednesday 12 Thursday 13	11			
UK S A P UK S A P US		S	Α	F
CPI (YoY) March 2.3% 2.3% ILO Unemployment Rate February 4.7% 4.7% Initial Jobless Claims (k) April 1				23
CDI CON 04-20 March 1 004 2004 CHINA				20
EURO AREA  CPI (YoY)  March 1,9% 2,0% CHINA  COntinuing claims (x)  March 1,0% 0,8% University of Michigan consumer				20
April	KEA	April 96.5	j	
Industrial Production (sa, MoM) February 0.1% 0.9%	Production (sa, MoM)			96
CHINA				96
	B 1 .: / 1 1/10			
	Production (wda. YoY)	March 3.8%		-1.3
Industrial Production (waa, YoY) Peoruary 1.9% U.5% Imports (YoY) March				
Industrial Production (waa, YoY) February 1.9% 0.0%  GERMANY  Imports (YoY) March				-1.3
Industrial Production (waa, YoY) Peoruary 1.9% U.5% Imports (YoY) March	IY			-1.3
GERMANY  Imports (YoY) March	ey current situation			-1.3
Imports (YoY) March  GERMANY  ZEW survey current situation April 77.5 77.3	ey current situation			-1.3
Imports (YoY) March  GERMANY  ZEW survey current situation April 77.5 77.3  ZEW survey expectations April 12.8	ey current situation ey expectations			-1.3
Industrial Production (wda, YoY) February 1.9% 0.0%  GERMANY  ZEW survey current situation April 77.5 77.3  ZEW survey expectations April 12.8  Friday 14  Monday 17	ey current situation ey expectations	March 15.59		-1.3
Industrial Production (wda, YoY) February 1.9% 0.0%  GERMANY  ZEW survey current situation April 77.5 77.3  ZEW survey expectations April 12.8  Friday 14  US S A P US S A P CHINA	IY ey current situation ey expectations	March 15.59	 A	-1.: 38.
Industrial Production (wda, YoY)   February   1.9%     0.0%	IY ey current situation ey expectations	March 15.59  S March 9.7%	<b>A</b>	-1.: 38.
Industrial Production (wda, YoY)	ey current situation ey expectations	March 15.59  S March 9.7% March 6.3%	<b>A</b> 6	-1 38. F 10 6.0
Industrial Production (wda, YoY)   February   1.9%     0.0%	ey current situation ey expectations  (YoY) es Advance MoM	S 9.7% March 9.7% March 6.3% Q1:17 1.5%	<b>A</b> 6 6	-1 38. <b>F</b> 10 6.0 1.7
Industrial Production (wda, YoY)	ey current situation ey expectations  (YoY) es Advance MoM	S 9.7% March 9.7% March 6.3% Q1:17 1.5%	<b>A</b> 6 6	-1 38. F 10 6.0
Industrial Production (wda, YoY)	ey current situation ey expectations  (YoY) es Advance MoM	S 9.7% March 9.7% March 6.3% Q1:17 1.5%	<b>A</b> 6 6	-1 38. <b>F</b> 10 6.0 1.7
Industrial Production (wda, YoY)	ey current situation ey expectations  (YoY) es Advance MoM	S 9.7% March 9.7% March 6.3% Q1:17 1.5%	<b>A</b> 6 6	-1 38. <b>F</b> 10 6.0 1.7
Industrial Production (Wda, YoY)   February   1.9%     0.0%     0.0%	ey current situation ey expectations  (YoY) es Advance MoM	S 9.7% March 9.7% March 6.3% Q1:17 1.5%	<b>A</b> 6 6	-1 38. <b>F</b> 10 6.0 1.7
Industrial Production (Wda, YoY)   February   1.9%     0.0%	ey current situation ey expectations  (YoY) es Advance MoM	S 9.7% March 9.7% March 6.3% Q1:17 1.5%	<b>A</b> 6 6	-1 38. <b>F</b> 10 6.0 1.7
Industrial Production (Wda, YoY)   February   1.9%     0.0%     0.0%	ey current situation ey expectations  (YoY) es Advance MoM	S 9.7% March 9.7% March 6.3% Q1:17 1.5%	<b>A</b> 6 6	-1 38. <b>F</b> 10 6.0 1.7
Industrial Production (Wda, YoY)   February   1.9%     0.0%	ey current situation ey expectations  (YoY) es Advance MoM	S 9.7% March 9.7% March 6.3% Q1:17 1.5%	<b>A</b> 6 6	-1 38. <b>F</b> 10 6.0 1.7
Industrial Production (Wda, YoY)   February   1.9%     0.0%     0.0%	ey current situation ey expectations  (YoY) es Advance MoM	S 9.7% March 9.7% March 6.3% Q1:17 1.5%	<b>A</b> 6 6	-1 38. <b>F</b> 10 6.0 1.7
Industrial Production (Wda, YoY)	ey current situation ey expectations  (YoY) es Advance MoM	S 9.7% March 9.7% March 6.3% Q1:17 1.5%	<b>A</b> 6 6	-1 38. <b>F</b> 10 6.0 1.7
Industrial Production (Wda, YoY)	ey current situation ey expectations  (YoY) es Advance MoM	S 9.7% March 9.7% March 6.3% Q1:17 1.5%	<b>A</b> 6 6	-1 38. <b>F</b> 10 6.0 1.7

Source: NBG Research, Bloomberg S: Bloomberg Consensus Analysts Survey, A: Actual Outcome, P: Previous Outcome



Developed N	/larkets	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)	<b>Emerging Markets</b>	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)
US	S&P 500	2356	-0,3	5,2	15,4	13,1	MSCI Emerging Markets	51563	0,7	8,2	15,8	-1,4
Japan	NIKKEI 225	18665	-1,3	-2,4	18,5	-5,7	MSCI Asia	763	0,6	10,2	17,6	-2,9
UK	FTSE 100	7349	0,4	2,9	19,8	5,9	China	67	1,1	14,3	20,8	-13,9
Canada	S&P/TSX	15667	0,8	2,5	18,1	3,0	Korea	623	-0,7	7,3	17,6	10,0
Hong Kong	Hang Seng	24267	0,6	10,3	19,7	-7,5	MSCI Latin America	77234	0,2	7,4	20,1	10,9
Euro area	EuroStoxx	374	0,0	6,7	21,0	-2,5	Brazil	222205	-0,5	6,5	27,6	11,8
Germany	DAX 30	12225	-0,7	6,5	28,3	1,6	Mexico	46276	1,3	7,1	8,2	8,1
France	CAC 40	5135	0,2	5,6	20,9	0,0	MSCI Europe	4882	1,4	-1,7	9,8	1,3
Italy	FTSE/MIB	20300	-0,9	5,5	20,7	-13,9	Russia	902	1,0	-9,7	9,2	11,4
Spain	IBEX-35	10529	0,6	12,6	27,0	-9,7	Turkey	1242197	-0,6	13,7	8,2	6,8

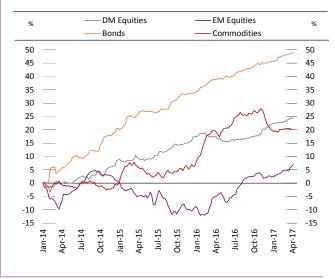
in US Dollar terms	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)	in local currency	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)
Energy	208,5	0,9	-4,8	15,1	-10,5	Energy	217,1	1,2	-5,0	18,3	-7,2
Materials	236,5	0,2	6,6	26,8	2,9	Materials	230,4	0,6	5,4	31,3	5,2
Industrials	225,9	0,0	6,3	17,1	10,3	Industrials	227,3	0,1	5,2	20,3	10,7
<b>Consumer Discretionary</b>	207,8	-1,0	5,8	11,3	4,2	<b>Consumer Discretionary</b>	203,5	-1,0	4,8	13,7	4,6
Consumer Staples	221,3	0,1	6,6	2,4	6,6	Consumer Staples	225,3	0,3	6,0	5,8	9,5
Healthcare	207,4	-0,3	7,6	3,8	-4,6	Healthcare	207,5	-0,1	7,0	6,0	-3,4
Financials	109,0	-1,4	2,6	25,2	4,1	Financials	110,9	-1,1	1,8	28,5	6,0
IT	179,3	-0,7	11,2	23,2	23,9	IT	174,5	-0,7	10,8	24,1	23,7
Telecoms	69,1	-1,2	-0,7	-2,2	-1,6	Telecoms	73,3	-1,0	-1,8	1,1	0,2
Utilities	121,9	0,2	6,0	3,4	3,7	Utilities	126,8	0,4	5,5	6,1	5,4

10-Year Government Bond Yields	Current	Last week	Year Start	One Year Back	10-year average	Government Bond Yield Spreads (in bps)	Current	Last week	Year Start	One Year Back	10-year average
US	2,38	2,39	2,45	1,69	2,75	US Treasuries 10Y/2Y	109	113	126	100	175
Germany	0,23	0,33	0,21	0,09	2,10	US Treasuries 10Y/5Y	46	47	52	55	89
Japan	0,06	0,07	0,05	-0,05	0,88	Bunds 10Y/2Y	104	107	97	60	119
UK	1,08	1,14	1,24	1,33	2,84	Bunds 10Y/5Y	71	71	74	48	71
Greece	6,86	6,99	7,11	9,09	10,24						
Ireland	0,91	1,00	0,75	0,82	4,53	<b>Corporate Bond Spreads</b>	Current	Last week	Year Start	One Year	10-year
Italy	2,21	2,31	1,81	1,39	3,80	(in bps)	Current	Last week	real Start	Back	average
Spain	1,61	1,67	1,38	1,60	3,81	EM Inv. Grade (IG)	161	163	181	229	269
Portugal	3,87	3,98	3,76	3,42	5,48	EM High yield	447	455	510	859	815
						USIG	123	124	129	170	201
US Mortgage Market (1. Fixed-rate Mortgage)	Current	Last week	Year Start	One Year Back	10-year average	US High yield	386	392	421	711	642
30-Year FRM1 (%)	4,3	4,3	4,4	3,9	4,5	Euro area IG	121	120	124	129	168
vs 30Yr Treasury (bps)	133	133	132	134	100	Euro area High Yield	358	357	376	505	665

Foreign Exchange	Current	1-week change (%)	1-month change (%)	1-Year change (%)	Year-to-Date change (%)	Commodities	Current	1-week change (%)	1-month change (%)	1-Year change (%)	Year-to-Date change (%)
Euro-based cross rates											
EUR/USD	1,06	-0,6	0,5	-6,9	0,7	Agricultural	418	-1,0	-5,6	-5,0	-3,1
EUR/CHF	1,07	0,0	-0,1	-1,7	-0,3	Energy	406	3,2	3,5	21,2	-6,7
EUR/GBP	0,86	0,9	-1,2	5,8	0,3	West Texas Oil (\$)	52	3,2	3,9	40,2	-2,8
EUR/JPY	117,66	-0,9	-2,4	-4,4	-4,3	Crude brent Oil (\$)	54	2,9	3,2	40,2	-2,1
EUR/NOK	9,17	0,0	1,8	-3,2	0,9	Industrial Metals	1216	-0,8	1,6	28,4	8,4
EUR/SEK	9,61	0,6	0,7	3,4	0,4	Precious Metals	1539	0,4	3,9	2,2	9,3
EUR/AUD	1,41	1,1	0,8	-6,9	-3,2	Gold (\$)	1254	0,4	3,8	1,1	8,9
EUR/CAD	1,42	0,1	-0,2	-5,1	0,4	Silver (\$)	18	-1,4	4,5	18,3	13,1
USD-based cross rates						Baltic Dry Index	1223	-5,7	17,0	136,6	27,3
USD/CAD	1,34	0,7	-0,6	2,0	-0,2	<b>Baltic Dirty Tanker Index</b>	775	-1,9	-9,8	3,1	-15,7
USD/AUD	1,33	1,7	0,3	0,1	-4,0						
USD/JPY	111,10	-0,3	-2,9	2,7	-5,0						





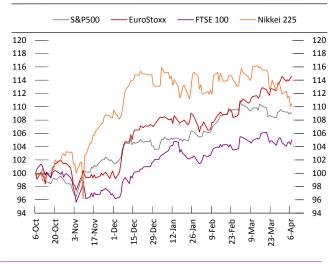


Source: Bloomberg, NBG estimates, Cumulative flows since January 2014, AUM stands for Assets Under Management, Data as of April  $7^{\rm th}$ 

# Source: Bloomberg, NBG estimates, Cumulative flows since January 2014, AUM stands for Assets Under Management. Data as of April 7th



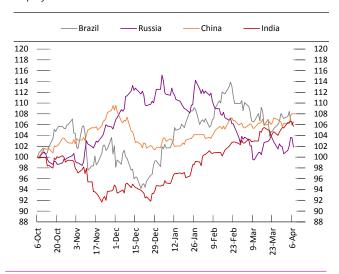
# Equity Market Performance - G4



Source: Bloomberg - Data as of April 7th - Rebased @ 100

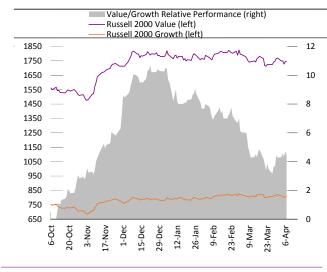
### Equity Market Performance - BRICs

Equity ETFs: Flows as % of AUM



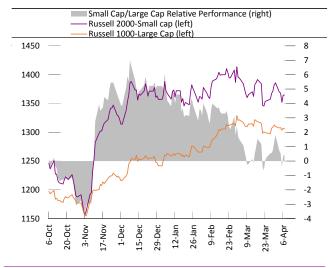
Source: Bloomberg - Data as of April  $7^{th}\,$  – Rebased @ 100

# Russell 2000 Value & Growth Index



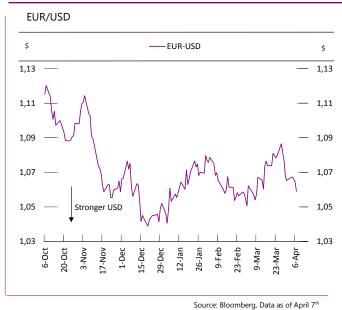
Source: Bloomberg, Data as April 7<sup>th</sup>

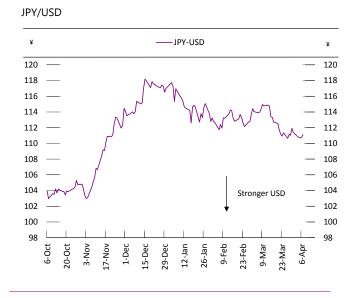
#### Russell 2000 & Russell 1000 Index



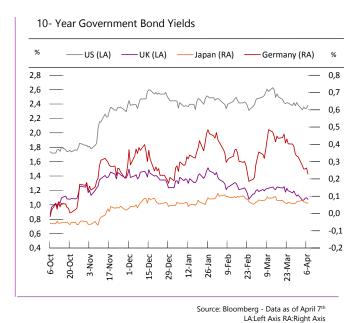
Source: Bloomberg, Data as April 7<sup>th</sup>

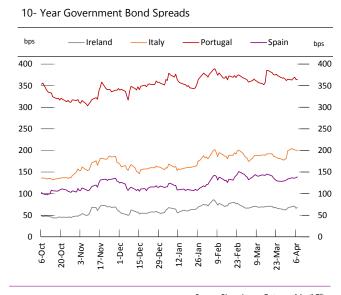




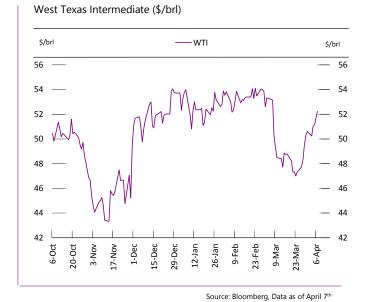


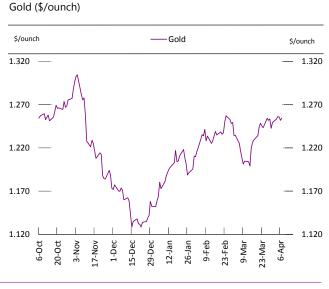
Source: Bloomberg, Data as of April  $7^{\text{th}}$ 





Source: Bloomberg - Data as of April 7<sup>th</sup>





Source: Bloomberg, Data as of April  $7^{th}$ 



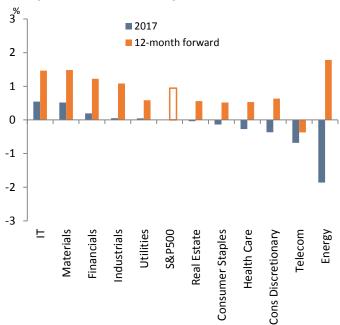
### **US Sectors Valuation**

	P	Price (\$)	EPS Gro	owth (%)	Dividend	Yield (%)		E Ratio		P/BV Ratio				
	7/4/2017	% Weekly Change	2016	2017	2016	2017	2016	2017	12m fwd	10Yr Avg	2016	2017	12m fwd	10Yr Avg
S&P500	2356	-0,3	1,2	10,1	2,0	2,1	19,9	18,0	17,5	14,0	3,1	2,9	2,9	2,2
Energy	517	0,6	-73,9	287,3	2,7	2,7	123,0	31,6	28,9	18,3	1,9	1,9	1,9	1,8
Materials	330	0,3	-3,6	12,6	2,0	2,1	20,5	18,3	17,9	14,6	4,0	3,6	3,5	2,7
Financials														
Diversified Financials	559	-0,8	5,7	11,7	1,3	1,5	18,1	15,6	15,2	13,5	1,8	1,6	1,6	1,5
Banks	285	-1,4	1,1	9,3	1,8	2,2	15,3	13,3	12,9	12,3	1,3	1,1	1,1	1,0
Insurance	361	-0,4	-5,1	23,7	2,0	2,2	16,2	12,9	12,6	9,8	1,4	1,3	1,3	1,0
Real Estate	197	0,6	8,3	2,4	4,0	3,5	18,9	18,3	18,0	17,4	2,9	3,0	3,0	2,5
Industrials														
Capital Goods	607	0,1	4,7	5,2	2,2	2,4	20,6	19,6	19,0	14,5	4,7	4,6	4,6	2,8
Transportation	616	0,1	-7,9	0,9	1,6	1,8	16,0	15,4	14,9	14,3	4,5	3,8	3,7	2,9
Commercial Services	245	-0,9	8,3	4,8	1,6	1,7	23,0	21,8	21,3	17,9	4,6	4,3	4,2	3,0
Consumer Discretionary														
Retailing	1444	-0,7	11,1	9,7	1,0	1,0	30,0	27,7	26,7	19,0	9,5	8,7	8,4	4,5
Media	558	-0,2	3,3	6,1	1,2	1,3	20,6	19,8	19,1	14,8	3,2	3,1	3,0	2,1
Consumer Services	893	-0,3	9,8	11,2	2,2	2,2	22,9	21,2	20,6	17,1	11,2	11,6	11,8	5,1
Consumer Durables	291	-1,5	11,7	6,7	1,7	1,9	17,6	16,4	16,0	16,9	3,4	3,1	3,0	2,9
Automobiles and parts	120	-4,3	10,6	-3,5	4,2	3,9	7,6	7,3	7,2	9,0	1,8	1,5	1,5	1,8
IT .														
Technology	895	-0,6	-2,9	6,2	1,9	2,1	15,3	14,8	14,4	12,7	4,0	3,8	3,7	2,8
Software & Services	1259	-0,4	11,2	7,9	1,0	1,0	23,4	22,0	21,3	15,2	5,5	5,0	4,8	3,6
Semiconductors	731	-1,1	12,9	21,3	2,0	2,2	17,5	14,8	14,5	17,0	3,7	3,4	3,3	2,7
Consumer Staples														
Food & Staples Retailing	364	0,3	1,1	1,6	2,1	2,3	17,7	17,0	16,7	15,0	3,2	3,0	3,0	2,6
Food Beverage & Tobacco	706	0,3	8,4	7,3	2,7	2,9	23,3	21,8	21,4	16,5	6,3	6,0	5,9	4,7
Household Goods	569	-0,6	1,6	4,3	2,6	2,8	24,1	22,8	22,3	17,6	6,4	5,8	5,7	4,2
Health Care														
Pharmaceuticals	780	-0,1	6,3	2,4	2,0	2,2	16,2	15,7	15,3	13,8	4,3	4,0	3,9	3,1
Healthcare Equipment	878	0,2	9,7	9,0	1,0	1,1	18,7	17,1	16,7	13,7	3,2	3,0	3,0	2,4
Telecom	166	-1,1	-7,4	0,5	4,5	4,7	14,0	13,6	13,5	13,2	2,9	2,7	2,6	2,2
Utilities	261	0,2	6,7	-1,1	3,4	3,6	18,0	18,1	17,8	14,2	2,0	1,9	1,8	1,5

Source Factset, Blue box indicates a value more than +2standard devation from average, light blue a value more than +1standard devation from average. Orange box indicates a value less than -2standard devation from average, light orange a value less than -1standard devation from average

# 1-month revisions to 2017 & 12-month Forward EPS

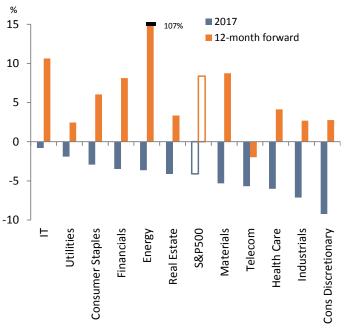
Earnings Revisions indicate 1-month change in 2017 & 12-month Forward EPS



# Source: Factset, Data as of April $7^{th}$ 12-month forward EPS are 75% of 2017 EPS and 25% of 2018 EPS

# 12-month revisions to 2017 & 12-month Forward EPS

Earnings Revisions indicate 12-month change in 2017 & 12-month Forward EPS



Source: Factset, Data as of April 7th

12-month forward EPS are 75% of 2017 EPS and 25% of 2018 EPS

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#### **Europe Sectors Valuation**

	Pi	rice (€)	EPS Growth (%) Dividend Yield (%)				/E Ratio		P/BV Ratio					
	7/4/2017	% Weekly Change	2016	2017	2016	2017	2016	2017	12m fwd	10Yr Avg	2016	2017	12m fwd	10Yr Avg
STOXX Europe 600	381	0,0	-2,8	16,4	3,3	3,4	17,8	15,8	15,4	12,5	1,8	1,8	1,8	1,6
Energy	327	2,5	-30,0	79,1	5,5	5,3	26,8	15,6	14,9	10,8	1,2	1,2	1,2	1,4
Materials	462	0,1	16,9	13,6	2,7	2,7	20,0	18,4	17,9	13,8	1,9	1,9	1,9	1,5
Basic Resources	421	2,1	272,8	77,5	2,2	3,6	21,6	12,1	12,4	12,5	1,5	1,4	1,4	1,4
Chemicals	927	0,9	-1,2	8,7	2,7	2,7	18,5	17,8	17,5	13,9	2,6	2,5	2,5	2,2
Financials														
Fin/al Services	456	1,4	14,2	-2,4	3,2	3,2	14,9	16,0	15,9	12,8	1,7	1,8	1,8	1,3
Banks	177	-1,4	-32,8	39,8	4,2	4,3	16,5	12,2	11,9	10,4	0,9	0,9	0,9	0,9
Insurance	274	-1,1	6,1	-0,3	4,8	4,9	10,9	11,2	11,0	9,1	1,1	1,1	1,1	1,0
Real Estate	174	2,5	6,4	3,7	3,7	3,8	20,7	20,4	20,1	18,1	1,0	1,0	1,0	1,0
Industrial	504	0,7	3,0	10,6	2,6	2,6	19,5	18,4	17,9	13,9	3,3	3,2	3,1	2,3
Consumer Discretionary														
Media	287	-0,9	-0,7	9,6	3,2	3,2	18,6	17,3	16,9	14,0	3,0	2,9	2,9	2,4
Retail	310	-0,9	0,4	8,1	2,6	2,7	20,8	19,5		15,7	2,8	2,7	2,6	2,4
Automobiles and parts	542	-2,7	16,0	12,8	3,0	3,3	9,4	8,3	8,1	9,3	1,3	1,1	1,1	1,0
Travel and Leisure	247	0,7	2,9	8,2	2,5	2,6	15,2	14,4	14,0	14,7	2,9	2,7	2,6	2,2
Technology	409	-0,1	-2,3	11,7	1,5	1,5	23,6	22,1	21,3	16,5	3,1	3,1	3,0	2,6
Consumer Staples														
Food&Beverage	638	0,3	-4,5	12,2	2,8	2,8	23,5	21,4	20,8	16,8	3,2	3,2	3,1	2,7
Household Goods	870	1,0	5,5	13,2	2,5	2,6	22,2	20,6		16,3	4,5	4,2	4,1	3,2
Health care	751	-0,4	5,9	4,9	2,8	2,9	18,0	17,2	16,8	14,0	3,6	3,5	3,4	3,0
Telecom	293	-2,0	2,2	13,7	4,8	4,4	19,8	17,6	17,1	13,2	1,8	1,9	1,9	1,6
Utilities	294	0,4	-8,8	-1,9	5,3	4,8	13,3	14,3	14,1	12,4	1,4	1,4	1,4	1,5

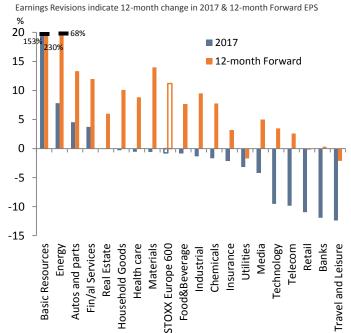
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# 1-month revisions to 2017 & 12-month Forward EPS Earnings Revisions indicate 1-month change in 2017 & 12-month Forward EPS

4 ■ 2017 3 ■ 12-month Forward 2 -1 -2 -3 -4 Media Banks Energy Retail **Travel and Leisure** Household Goods Materials Autos and parts Insurance STOXX Europe 600 Food&Beverage Fin/al Services Chemicals Health care Telecom Real Estate **Basic Resources Fechnology** Industrial

Source: Factset, Data as of April 7<sup>th</sup> 12-month forward EPS are 75% of 2017 EPS and 25% of 2018 EPS

# 12-month revisions to 2017 & 12-month Forward EPS



Source: Factset, Data as of April 7<sup>th</sup>

12-month forward EPS are 75% of 2017 EPS and 25% of 2018 EPS

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