# **Global Markets Roundup**



National Bank of Greece | Economic Research Division | April 7, 2020

Aggressive monetary and fiscal support, along with signs of a flattening in the COVID-19 count, have stabilized risk assets

- Global equity markets continued on a slightly downward trend in the past week, ending Q1:2020 deep in the red. Specifically, the S&P500 contracted by 20%, its largest quarterly decline on record. Corporate bond spreads widened significantly both in the Investment spectrum (by 200 bps), as well as in the Speculative Grade spectrum (by 520 bps) on both sides of the Atlantic, as the undergoing global economic recession will inevitably led to increasing debt-repayment delays and/or defaults despite the massive policy response (see below). Core Government bond yields declined (US) or revisited all-time lows (Germany), as central banks took unprecedented support measures, while euro area periphery bond spreads widened (Italy: +40 bps to 200 bps). Gold gained ground modestly (by 4% to \$1577/ounce), while oil prices fell by 68% to \$22/barrel as OPEC+ did not find common ground to cut supply.
- Aggressive monetary policy measures, combined with sizeable fiscal spending announcements, have prevented equity prices to decline further, in our view. The S&P500 bottomed on March 23 (2237) following a -27% 12-month forward Price-to-Earnings decline to 13.9x (15.3 as of April 6<sup>th</sup> and a peak of 19x mid-February). The Federal Reserve has expanded its balance sheet by over \$1 trillion in the past two weeks via purchases of US Treasuries and agency MBS, as well as due to the expansion of cross-currency swaps. In addition, it is expected to initiate Investment Grade corporate bond purchases and loans in the primary, as well the secondary, market of up to \$200 billion by mid-April. The ECB has committed to purchase new assets (mainly Government and corporate bonds) at a pace of at least €100 billion per month in the course of 2020 with a total envelope of above €1 trillion.
- On the fiscal side, spending has increased across the board, with the US being more aggressive. According to our estimates, the US CARES Act will have a total cost of c. \$2 trillion or 9% of GDP, with European fiscal measures ranging between 2%-4% of GDP (loan guarantees amount to more than 10% of GDP). A coordinated approach at euro area level is also imminent, most probably by using existing instruments of the European Commission, the European Investment Bank and the ESM, albeit with slightly more favorable terms and conditions. In that context, the Eurogroup meeting on Tuesday 7<sup>th</sup> April is important, with circulating non-papers pointing towards a "solidarity-fund" SPV (highly optimistic).
- As signs of a flattening in the COVID-19 count are indicating (excluding Japan), risk appetite has revived in recent days. Assuming the current rate of deceleration continues, epidemic curves in most developed economies could flatten by end-April (see graphs below). This yardstick, if achieved, could gradually lead countries to, gradually and slowly, relaxing containment measures in the coming months, thus alleviating the duration of the ongoing recession. Indeed, the S&P500 rose by 7% on Monday 6<sup>th</sup>, with equity futures pointing to further gains on Tuesday, while euro area equity indices have recorded gains of c. 7% in the past two trading sessions. Corporate bond spreads narrowed modestly (5 bps to 15bps) as "fallen angel" (Investment Grade) and default rate (Speculative Grade) uncertainty remains elevated (cont'd on page 2).

Ilias Tsirigotakis<sup>AC</sup> Head of Global Markets Research 210-3341517 tsirigotakis.hlias@nbg.gr

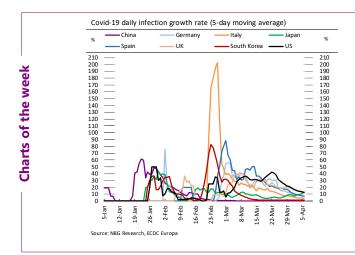
Panagiotis Bakalis 210-3341545 mpakalis.pan@nbg.gr

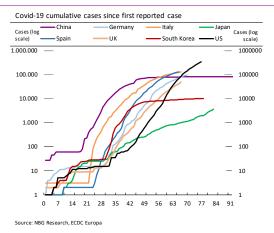
Vasiliki Karagianni 210-3341548 karagianni.vasiliki@nbg.gr

Leonidas Patsios 210-3341553 Patsios.Leonidas@nbg.gr

#### Table of Contents

Overview\_p1 Economics & Markets\_p2,3 Forecasts & Outlook\_p4 Event Calendar\_p5 Markets Monitor\_p6 ChartRoom\_p7,8 Market Valuation\_p9,10







...All in all, the retracement in each asset class as a percentage of its maximum drawdown year-to-date due to COVID-19 remains below 50%, with the exception of the Italian-German spread (see graph page 3). Thus, on the one hand, risk premia are still high, suggesting buying opportunities based solely on valuations. On the other hand, uncertainty related to the coronavirus crisis and its implications on the global economy has been, and remains, very high compared with previous pandemics according to Ahir et al (World Pandemic Uncertainty Index – see graph page 3). As a result, high volatility is expected to continue this week, albeit with a less bearish tone compared with the previous two weeks.

# US labor market conditions deteriorated sharply in March due to the ongoing public health crisis

• US employment posted an unprecedented (and far larger than consensus estimates) decline in March, with the deterioration picking up pace during the 2<sup>nd</sup> half of the month. Regarding the monthly labor report for March, nonfarm payrolls decreased sharply by 701k (consensus for -100k), while total household employment (including the self-employed and agricultural workers) fell by a far more profound 2987k. As a result, the unemployment rate rose by 0.9 pps to 4.4% versus consensus expectations for 3.8% (the total number of unemployed persons reached 7140k). Moreover, that outcome was reached despite the labor force participation rate decreasing by 0.7pps to 62.7%. Note also that a broader measure of labor market slack, the U-6 unemployment rate (which includes the unemployed, part-time workers for economic reasons, and those workers marginally attached to the labor force), was up by 1.7 pps to 8.7%. Wage growth was resilient in March, with the monthly pace of increase for average hourly earnings at +0.4% mom and the annual pace of increase at +3.1% yoy. Nevertheless, these readings were positively distorted by the fact that job losses during March disproportionally regarded relatively lower-paid occupations (e.g. circa 60% of the total decline in nonfarm payrolls was concentrated in bars and restaurants), with the respective wages dropping out of the calculation. Importantly, the data reference period for the monthly report was the week from March 8th to March 14th, after which the pace of the decrease in employment accelerated sharply, as indicated by the new claims for unemployment insurance. Indeed, initial jobless claims posted a staggering rise of 6648k in the week ending March 28th (consensus for 3500k) compared with 3307k in the previous week (and 282k in the week coinciding with the reference period for the monthly labor report). Recall that before the latest two readings, the previous record high for initial jobless claims was 695k in 1982 (respective data are collected since 1967).

## Euro area inflation decelerated significantly in March

• Both headline and core inflation undershot consensus estimates in March. Specifically, the flash estimate for the annual growth of CPI was down by 0.5 pps to 0.7% yoy, versus expectations for 0.8% yoy. Although the aforementioned easing was partly due to energy prices (-4.3% yoy versus -0.3% in February), core inflation also decelerated considerably as collapsing demand starts to weigh on prices. Indeed, core CPI (which excludes the effects of energy and food components) was down by 0.2 pps to 1.0% yoy (consensus for an unchanged

outcome). Looking forward, as the disruptions in consumer demand related to COVID-19 have intensified since late-March, a further (significant) deceleration in inflation dynamics is expected at least in the short term. According to our estimates, core CPI growth in April will slow towards 0.5% yoy (with risks tilted to the downside), in view also of unfavorable base effects (a high base for services prices as Easter was in April in 2019, boosting prices of items related to travel and leisure in that period). Looking ahead, the outlook is highly uncertain, with inflation dynamics being closely dependent on the timing and speed of the economic recovery post COVID-19.

# Japan: Business sentiment deteriorated substantially in March, albeit by modestly less than expected

The Tankan survey that assesses business conditions reached its lowest level in seven years among both manufacturers and non-manufacturers, albeit slightly better than consensus estimates. Specifically, the index for large manufacturers was down by 8 pts to -8 in March (consensus for -10). The index for large non-manufacturers was also down sharply (by 12 pts), albeit remaining in positive territory at +8 in March and modestly above expectations for +6. Regarding activity for three months ahead, the Tankan survey points to further deterioration, with the respective index for manufacturers at -11 (consensus for -14) and for nonmanufacturers at -1 (consensus: +2). On a positive note, companies' fixed investment plans (including all surveyed large enterprises | excluding software and R&D investment) for FY:2020 (April 2020-March 2021) were relatively resilient, at +1.8% you (software: +0.9% yoy | R&D: +0.6% yoy). It should also be noted, however, that c. 70% of surveyed firms had submitted their responses by March 11th, since when the COVID-19 pandemic has intensified substantially across the globe (excluding China). As a result, a further deterioration in business confidence, at least in the short term, is likely on the cards.

# Chinese PMIs suggest economic activity partly recovered in March

Business surveys improved substantially in March, as the restrictive measures to stem the coronavirus outbreak eased, exceeding consensus expectations. Specifically, the Caixin/Markit manufacturing PMI was up by 9.8 pts to 50.1, while its counterpart for the services sector increased by 16.5 pts to 43.0. Moreover, official manufacturing PMI (which covers a broader range of industries) rose to 52 in March, from a record low of 35.7. Finally, official non-manufacturing PMI (which covers the services and construction sectors) rose to 52.3 from 29.6 in February (consensus: 37.8). Overall, the latest improvement should be viewed as a signal of economic activity modestly expanding (the latest readings were moderately above the expansion/contraction threshold of 50.0) from the extremely low levels in February which were suppressed due to the measures to mitigate the spread of COVID-19 (e.g., restrictions in transportations and the movement of people, temporary company shutdowns and shipping restrictions) and not as an indication that activity has returned to pre-coronavirus norms. Attention now turns to the announcement of Q1:20 GDP on April 17th (consensus for -5.0% yoy compared with +6.0% yoy in Q4:19), as well of "hard" activity data (industrial production, fixed assets investment, retail sales) for March, in order to better gauge the condition of the Chinese economy.



### **Equities**

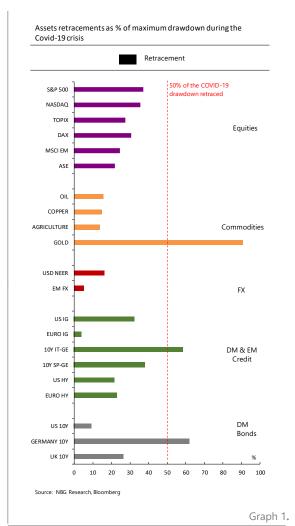
 Global equity markets lost ground in the past week, following the increase in the number of COVID-19 cases, which surpassed 1 mn worldwide, as well as concerns about the magnitude of the economic fallout of growing restrictions on economic activity. Overall, the MSCI ACWI was down by -2.6% (-24.7% ytd), with both developed (-2.8% wow) and emerging markets (-1.3% wow) recording losses. In the US, the S&P500 fell by -2.1% wow, with Banks leading the decline (-10.9% wow), on the back of lower yields. Selling pressure increased following the release of the Labor Department report, which showed payroll employment declining for the first time since September 2010, by 701k, well below consensus for a 145k fall. This does not include the almost 10 mn workers who claimed unemployment insurance in the final two weeks of the month. The S&P500 index recorded its largest first-quarter decline ever (-20%), which is also its worst quarterly performance since 2008. Regarding the earnings season, consensus EPS expectations for Q1:20 stand at -7.3% yoy from -5.8% last week and +4.3% yoy on December 31. On the other side of the Atlantic, the Eurostoxx fell by -2.2% wow, while Banks fell to a record low (-13.2% wow and -48.1% yoy), on the back of lower yields and the ECB recommendation to banks not to pay dividends or buy back shares during the COVID-19 pandemic. In Japan, the Nikkei 225 declined by -8.1% wow and in the UK, the FTSE 100 ended the week down by -1.7% wow.

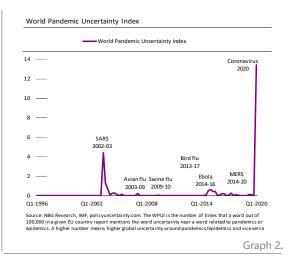
#### **Fixed Income**

• Government bond yields were mixed in the past week due to increased safe haven demand, weak US labor data (US) and tumbling euro area PMIs data, with the composite PMI index recording its largest single monthly decline in March to a survey record low of 29.7. Specifically, the US 10-year yield fell by 8 bps wow to 0.60% and its 2-year peer was down by 1 bp wow to 0.23%. Similarly, in the UK, the 10-Year yield fell by 6 bps wow to 0.31%. In Germany, the 10-year yield rose by 3 bp to -0.44%. Periphery bond yields ended the week significantly higher (Italy: +22 bps to 1.55%, Spain: +20 bps to 0.74%, Portugal: +23 bp to 0.89% and Greece: +40 bps to 1.99%). Corporate bond spreads narrowed in the investment grade spectrum during the past week. Indeed, US IG bond spreads decreased by 16 bps to 308 bps, while their euro area counterparts were flat at 239 bps. In the high yield spectrum, US spreads were up by 44 bps to 943 bps, while euro area counterparts decreased by 13 bps to 747 bps.

#### **FX and Commodities**

 In foreign exchange markets, the US Dollar rose in the past week on increased safe haven demand. Overall, the US Dollar ended the week up by +3.1% against the euro to \$1.08. The USD appreciated also by +0.6% against the Japanese Yen to \(\frac{\pmathbf{1}}{108.55}\) and by \(+1.5\%\) against the British Pound to \(\frac{\pmathbf{1}}{1.227}\). The euro decreased by -1.6% against the British Pound to €/0.88 and by -2.6% against the Japanese Yen to ¥117.13, due to concerns over whether EU leaders will reach an agreement over a unified fiscal solution to the crisis. Finally, in commodities, oil prices increased sharply in the past week, on the back of news that OPEC+ scheduled a virtual meeting for Monday, increasing hopes that OPEC and its allies would reach a large supply-cut agreement. Oil inventories increased for a 10th consecutive week (+13.8 million barrels to 469 million barrels for the week ending March 27th). Overall, Brent ended the week up by +21.7% to \$29.9/barrel (-55% ytd) and the WTI by +31.8% to \$28.3/barrel (-53.6% ytd), the largest weekly percentage increase on record for both. However, over the weekend, the meeting was postponed until April 9th, causing prices to decline by -6% to \$28.1/bl on Monday. Monday. Gold prices ended the week down by -0.5% to \$1621/ounce), mainly explained by the rise of US Dollar.





Quote of the week: "In this coronavirus crisis, only the strongest of responses will do. We must use every means at our disposal. Every available euro in the EU budget will be redirected to address it, every rule will be eased to enable the funding to flow rapidly and effectively. With a new solidarity instrument, we will mobilise €100 billion to keep people in jobs and businesses running", President of the European Commission, Ursula von der Leyen, April 2<sup>nd</sup> 2020.



10-Yr Gov. Bond Yield (%)	April 3rd	3-month	6-month	12-month	Official Rate (%)	April 3rd	3-month	6-month	12-month
Germany	-0,44	-0,50	-0,40	-0,30	Euro area	0,00	0,00	0,00	0,00
US	0,60	0,90	1,00	1,20	US	0,25	0,25	0,25	0,25
UK	0,31	0,52	0,55	0,68	UK	0,10	0,09	0,09	0,09
Japan	-0,01	-0,11	-0,07	-0,03	Japan	-0,10	-0,10	-0,10	-0,10
Currency	April 3rd	3-month	6-month	12-month		April 3rd	3-month	6-month	12-month
EUR/USD	1,08	1,13	1,13	1,15	USD/JPY	109	106	106	104
EUR/GBP	0,88	0,87	0,86	0,86	GBP/USD	1,23	1,30	1,31	1,34
EUR/JPY	117	119	119	119					
orecasts at end of period									

Economic Forecasts											
<b>United States</b>	2018a	Q1:19a	Q2:19a	Q3:19a	Q4:19a	2019a	Q1:20f	Q2:20f	Q3:20f	Q4:20f	2020f
Real GDP Growth (YoY) (1)	2,9	2,7	2,3	2,1	2,3	2,3	0,2	-10,4	-8,1	-6,0	-6,0
Real GDP Growth (QoQ saar) (2)	-	3,1	2,0	2,1	2,1	-	-5,3	-34,8	13,1	11,7	-
Private Consumption	3,0	1,1	4,6	3,1	1,8	2,6	-7,4	-41,3	12,8	13,0	-8,2
Government Consumption	1,7	2,9	4,8	1,7	2,5	2,3	2,0	11,6	13,5	8,9	5,8
Investment	4,6	3,2	-1,4	-0,8	-0,6	1,3	-3,2	-30,8	9,6	9,6	-6,1
Residential	-1,5	-1,1	-2,9	4,6	6,5	-1,5	5,3	-43,8	12,8	6,0	-5,8
Non-residential	6,4	4,4	-1,0	-2,3	-2,5	2,1	-5,5	-27,6	8,9	10,4	-6,3
Inventories Contribution	0,1	0,5	-1,0	0,0	-1,2	0,1	-0,1	-1,9	0,6	0,7	-0,6
Net Exports Contribution	-0,4	0,8	-0,8	-0,2	1,9	-0,2	0,5	-0,1	-0,6	-1,2	0,3
Exports	3,0	4,2	-5,7	0,9	2,1	0,0	-2,4	-7,9	2,6	2,6	-1,5
Imports	4,4	-1,5	0,0	1,8	-8,4	1,0	-4,6	-5,7	5,2	8,6	-2,5
Inflation (3)	2,4	1,6	1,8	1,8	2,0	1,8	2,1	1,3	1,4	1,5	1,6
Euro Area	2018a	Q1:19a	Q2:19a	Q3:19a	Q4:19a	2019a	Q1:20f	Q2:20f	Q3:20f	Q4:20f	2020f
Real GDP Growth (YoY)	1,9	1,4	1,2	1,3	1,0	1,2	-2,7	-11,6	-8,2	-5,2	-6,9
Real GDP Growth (QoQ saar)	-	1,8	0,6	1,2	0,5	-	-12,5	-31,4	17,7	14,4	-
Private Consumption	1,4	1,6	0,8	2,0	0,5	1,3	-15,4	-38,9	24,2	16,6	-8,9
Government Consumption	1,1	1,7	1,8	2,2	1,4	1,6	1,3	2,9	3,7	3,0	2,2
Investment	2,3	3,7	21,7	-14,2	17,9	5,5	-22,0	-38,4	19,4	22,1	-8,9
Inventories Contribution	0,0	-1,5	0,3	-0,7	-0,4	-0,5	-0,5	-0,8	0,1	0,2	-0,4
Net Exports Contribution	0,4	1,4	-4,7	3,8	-3,2	-0,5	1,2	-1,3	0,4	0,2	-0,3
Exports	3,3	3,8	0,2	2,5	1,7	2,5	-5,0	-17,7	16,6	9,8	-1,8
Imports	2,7	1,0	11,2	-5,3	9,2	3,8	-7,8	-16,8	16,9	10,1	-1,2
Inflation	1.8	1,4	1,4	1,0	1.0	1.2	1,1	0,5	0,7	8,0	0,8

US	Euro Area	Japan	UK
+ Massive Fiscal loosening will support the economy but wont avoid a recession - 2020 EPS growth expectations have further room to fall from +2%. Earnings will contract in 2020 - Forget aggresive share buybacks for now due to political pressures - Peaking profit margins - Protectionism and trade wars - P/ES (Valuations) are in line with long-term averages despite P/E contraction of more than 20% since February highs (19x)	+Still high equity risk premium relative to other regions + Modest fiscal loosening in 2020 excluding Germany (5% of GDP) - 2020-2021 EPS estimates may turn pessimistic as economic growth fails to pick up - Political uncertainty (Italy, Brexit) could intensify	*Still aggressive QE and "yield-curve" targeting by the BoJ - Signs of policy fatigue regarding structural reforms and fiscal discipline - Strong appetite for foreign assets - JPY appreciation in a risk-off scenario could hurt exporters	+65% of FTSE100 revenues from abroad +Undemanding valuations in relative terms - Elevated Policy uncertainty to remain due to the outcome of the Brexit negotiating process
Neutral/Positive	Neutral	Neutral	Neutral/Negative
+Valuations appear rich with term-premium below 0% +Sizeable fiscal deficit +Underlying inflation pressures if Fed seek makeup strategies - Global search for yield by non-US investors continues - Safe haven demand - Fed to remain at ZLB in the course of 2020-2021 - Fed: Unlimited QE purchases	+Valuations appear excessive compared with long- term fundamentals - Political Risks - Fragile growth outlook - Medium-term inflation expectations remain low - ECB QE net purchases - ECB QE "stock" effect	+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%	+Elevated Policy uncertainty to remain due to the outcome of the Brexit negotiating process +Inflation expectations could drift higher ahead of EU/UK negotiations -The BoE is expected to remain on hold with risks towards rate cuts - Slowing economic growth post-Brexit
▲ Slightly higher yields expected	▲ Higher yields expected	Stable yields expected	- Higher yields expected but with Brexit risk premia working on both directions
+ Safe-haven demand $ - \mbox{ Fed's interest rate differential disappeared following cuts to 0\%\text{-}0.25\% $	+Reduced short-term tail risks +Higher core bond yields +Current account surplus - Sluggish growth - Deflation concerns - The ECB's monetary policy to remain extra loose (Targeted-LTROs, ABSs, Quantitative Easing)	+Safe haven demand +More balanced economic growth recovery (long-term) +Inflation is bottoming out - Additional Quantitative Easing by the Bank of Japan if inflation does not approach 2%	+Transitions phase negotiations +Valuations appear undemanding with REER 6% below its 15-year average - Sizeable Current account deficit - Elevated Policy uncertainty to remain due to the outcome of the Referendum and the negotiating process
	Hassive Fiscal loosening will support the economy but wont avoid a recession 2020 EPS growth expectations have further room to fall from +2%. Earnings will contract in 2020 Forget aggresive share buybacks for now due to political pressures Peaking profit margins Protectionism and trade wars P/Es (Valuations) are in line with long-term averages despite P/E contraction of more than 20% since February highs (19x)  Neutral/Positive  + Valuations appear rich with term-premium below 0% + Sizeable fiscal deficit + Underlying inflation pressures if Fed seek makeup strategies Global search for yield by non-US investors continues - Safe haven demand - Fed to remain at ZLB in the course of 2020-2021 - Fed: Unlimited QE purchases  Silghtly higher yields expected + Safe-haven demand - Fed's interest rate differential disappeared following	+ Massive Fiscal loosening will support the economy but wont avoid a recession - 2020 EPS growth expectations have further room to fall from +2%. Earnings will contract in 2020 - Forget aggresive share buybacks for now due to political pressures - Peaking profit margins - Protectionism and trade wars - P/Es (Valuations) are in line with long-term averages despite P/E contraction of more than 20% since February highs (19x)  Neutral/Positive - Neutral/Positive - Valuations appear rich with term-premium below 0% - Sizeable fiscal deficit - Underlying inflation pressures if Fed seek makeup strategies - Global search for yield by non-US investors continues - Safe haven demand - Fed to remain at ZLB in the course of 2020-2021 - Fed: Unlimited QE purchases  Slightly higher yields expected - Safe-haven demand - Fed's interest rate differential disappeared following cuts to 0%-0.25% - Slugsish growth - Deflation concerns - The ECB's monetary policy to remain extra loose	+ Massive Fiscal loosening will support the economy but wont avoid a recession  - 2020 EPS growth expectations have further room to all fift on +2% Earlings will contract in 2020  - Forget aggresive share buybacks for now due to political pressures  - Protectionism and trade wars  - Pr

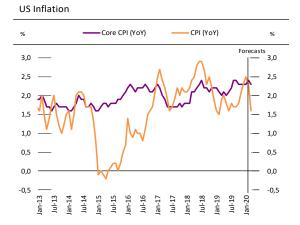


#### **Economic Calendar**

In the US, the minutes of the March 15th FOMC meeting are released on Wednesday. On Friday, attention turns to inflation data for March. CPI is expected to decrease sharply at 1.6% yoy from 2.3% yoy in February, while the core figure is expected at 2.3% yoy from 2.4% yoy. Meanwhile, initial and continuing jobless claims due to release on Thursday, will be closely monitored.

In the UK, industrial production for February is released on Thursday (consensus for +0.1% mom vs -0.1% mom and -3.0% yoy vs -2.9% yoy in the previous month).

Finally, in China, attention turns to the inflation report for March. CPI is expected at 4.9% from 5.2% in February



Source: NBG Research, Bloomberg

#### Economic News Calendar for the period: March 31 - April 13, 2020

Tuesday 31										Wednesday 1				
US		S	Α	Р	EURO AREA		S	Α	P	US		S	Α	Р
S&P Case/Shiller house price					CPI flash estimate (YoY)	March		- 0,7%	1,2%	ADP Employment Change (k)	March		+ -27	183
index 20 (YoY)	January	3,2%	- 3,1%	2,8%	CPI Core flash estimate (YoY)	March		- 1,0%	1,2%	Construction spending	February		1,3%	
Consumer Confidence Index	March	110 0	+ 120,0	132,6			1,170	1,070	1,270	ISM Manufacturing	March		+ 49,1	50,1
UK		, .		102,0						CHINA		,5	, .	50,1
GDP (QoQ)	Q4:19	0,0%	0,0%	0,0%						Caixin PMI Manufacturing	March	45,0	+ 50,1	40,3
GDP (YoY)	Q4:19	1,1%	1,1%	1,1%						JAPAN	Iviaicii	43,0	<del>+</del> 30,1	40,3
CHINA	Q4.13	1,170	1,170	1, 170						Tankan - large manufacturers				
			=0.0								Q1:20	-10	+ -8	0
Manufacturing PMI	March	44,8	+ 52,0	35,7						current index				
JAPAN										Tankan - large manufacturers	Q1:20	-15	+ -11	0
Unemployment rate	February	2,4%	2,4%	2,4%						outlook index				
Industrial Production (MoM)	February	.,	+ 0,4%	1,0%						GERMANY				
Industrial Production (YoY)	February		+ -4,7%	-2,3%						Retail sales (MoM)	February		+ 1,2%	1,0%
Retail sales (YoY)	February	-1,5%	+ 1,7%	-0,4%						Retail sales (YoY)	February	1,5%	+ 6,4%	2,1%
Construction Orders YoY	February		0,7%	-17,0%						EURO AREA				
										Unemployment Rate	February	7,4%	+ 7,3%	7,4%
Thursday 2					Friday 3					Monday 6				
US		S	Α	P	US		S	Α	Р			S	Α	Р
Initial Jobless Claims (k)	March 28	3763	- 6648	3307	Change in Nonfarm Payrolls (k)	March	-100	701	275					
Continuing Claims (k)	March 21	4941	+ 3029	1784	Change in Private Payrolls (k)	March	-132	713	242					
Trade balance (\$bn)	February		+ -39,9	-45,5	Unemployment rate	March		- 4,4%	3,5%					
Factory Goods Orders	February		- 0,0%	-0,5%	Average Hourly Earnings MoM	March		+ 0,4%	0,3%					
UK		0,2,0	0,070	0,570	Average Hourly Earnings YoY	March		+ 3,1%	3,0%					
Nationwide House Px NSA YoY	March	2 1%	+ 3,0%	2,3%	Average weekly hours (hrs)	March		+ 34,2	34,4					
Nationwide Floase FX 145A 101	Widicii	2,170	1 3,070	2,570	Labor Force Participation Rate	March		- 62,7%	63,4%					
					Underemployment Rate	March	03,370	8,7%	7,0%					
					ISM non-manufacturing	March	43,0	+ 52,5	57,3					
					EURO AREA		0.40/	0.00/	0.60/					
					Retail sales (MoM)	February		+ 0,9%	0,6%					
					Retail sales (YoY)	February	1,6%	+ 3,0%	1,7%					
Tuesday 7					Wednesday 8					Thursday 9				
JAPAN		S	Α	P	US		S	Α	Р	US		S	Α	Р
Leading Index	February	<b>S</b> 92,0	A	<b>P</b> 90,5	US FOMC Minutes	March 15	S	Α	Р	US Initial Jobless Claims (k)	April 4	<b>S</b> 5000	A	<b>P</b> 6648
	February February				US	March 15	S	Α	Р	US	April 4 March 28			
Leading Index		92,0		90,5	US FOMC Minutes	March 15 March	<b>S</b> 22,4	A	P 27,4	US Initial Jobless Claims (k)		5000		6648
Leading Index Coincident Index		92,0		90,5	US FOMC Minutes JAPAN					US Initial Jobless Claims (k) Continuing Claims (k)	March 28 February	5000  		6648 3029 1,6%
Leading Index Coincident Index GERMANY	February	92,0 95,7		90,5 95,2 3,0%	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4		27,4	Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan	March 28	5000		6648 3029
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM)	February February	92,0 95,7 -0,9%		90,5 95,2	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4		27,4	Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade	March 28 February	5000  		6648 3029 1,6%
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM)	February February	92,0 95,7 -0,9%		90,5 95,2 3,0%	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4		27,4	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM)	February February	92,0 95,7 -0,9%		90,5 95,2 3,0%	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4		27,4	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM)	February February	92,0 95,7 -0,9%		90,5 95,2 3,0%	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4		27,4	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM)	February February	92,0 95,7 -0,9%		90,5 95,2 3,0%	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4		27,4	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM)	February February	92,0 95,7 -0,9%		90,5 95,2 3,0%	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4		27,4	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM)	February February	92,0 95,7 -0,9%		90,5 95,2 3,0%	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4		27,4	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM)	February February	92,0 95,7 -0,9%		90,5 95,2 3,0%	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4		27,4	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM)	February February	92,0 95,7 -0,9%		90,5 95,2 3,0%	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4		27,4	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM)	February February	92,0 95,7 -0,9%		90,5 95,2 3,0%	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4		27,4	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)	February February	92,0 95,7 -0,9%		90,5 95,2 3,0%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4		27,4	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10	February February	92,0 95,7 -0,9% -3,0%		90,5 95,2 3,0% -1,3%	US FOMC Minutes JAPAN Eco Watchers Current Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US	February February	92,0 95,7 -0,9% -3,0%		90,5 95,2 3,0% -1,3%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4		27,4	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10	February February	92,0 95,7 -0,9% -3,0%		90,5 95,2 3,0% -1,3%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US	February February February	92,0 95,7 -0,9% -3,0%	  	90,5 95,2 3,0% -1,3%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY)	February February February March	92,0 95,7 -0,9% -3,0%	A	90,5 95,2 3,0% -1,3% P 2,3%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY) CHINA	February February February March March	92,0 95,7 -0,9% -3,0% <b>S</b> 1,6% 2,3%	A	90,5 95,2 3,0% -1,3% P 2,3% 2,4%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY)	February February February March	92,0 95,7 -0,9% -3,0%	A	90,5 95,2 3,0% -1,3% P 2,3%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY) CHINA	February February February March March	92,0 95,7 -0,9% -3,0% <b>S</b> 1,6% 2,3%	A	90,5 95,2 3,0% -1,3% P 2,3% 2,4%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY) CHINA	February February February March March	92,0 95,7 -0,9% -3,0% <b>S</b> 1,6% 2,3%	A	90,5 95,2 3,0% -1,3% P 2,3% 2,4%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY) CHINA	February February February March March	92,0 95,7 -0,9% -3,0% <b>S</b> 1,6% 2,3%	A	90,5 95,2 3,0% -1,3% P 2,3% 2,4%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY) CHINA	February February February March March	92,0 95,7 -0,9% -3,0% <b>S</b> 1,6% 2,3%	A	90,5 95,2 3,0% -1,3% P 2,3% 2,4%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY) CHINA	February February February March March	92,0 95,7 -0,9% -3,0% <b>S</b> 1,6% 2,3%	A	90,5 95,2 3,0% -1,3% P 2,3% 2,4%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY) CHINA	February February February March March	92,0 95,7 -0,9% -3,0% <b>S</b> 1,6% 2,3%	A	90,5 95,2 3,0% -1,3% P 2,3% 2,4%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY) CHINA	February February February March March	92,0 95,7 -0,9% -3,0% <b>S</b> 1,6% 2,3%	A	90,5 95,2 3,0% -1,3% P 2,3% 2,4%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY) CHINA	February February February March March	92,0 95,7 -0,9% -3,0% <b>S</b> 1,6% 2,3%	A	90,5 95,2 3,0% -1,3% P 2,3% 2,4%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY) CHINA	February February February March March	92,0 95,7 -0,9% -3,0% <b>S</b> 1,6% 2,3%	A	90,5 95,2 3,0% -1,3% P 2,3% 2,4%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1
Leading Index Coincident Index GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY)  Friday 10 US CPI (YoY) Core CPI (YoY) CHINA	February February February March March	92,0 95,7 -0,9% -3,0% <b>S</b> 1,6% 2,3%	A	90,5 95,2 3,0% -1,3% P 2,3% 2,4%	US FOMC Minutes JAPAN Eco Watchers Current Survey Eco Watchers Outlook Survey	March	22,4 20,0		27,4 24,6	US Initial Jobless Claims (k) Continuing Claims (k) Wholesale trade University of Michigan consumer confidence UK Industrial Production (MoM)	March 28 February April	5000   75,0		6648 3029 1,6% 89,1

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



Developed N	Markets	Current Level	Em		Emerging Markets	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)		
US	S&P 500	2489	-2,1	-23,0	-13,6	-5,9	MSCI Emerging Markets	48898	-0,4	-20,4	-17,9
Japan	NIKKEI 225	17820	-8,1	-24,7	-18,0	-16,4	MSCI Asia	750	-0,9	-17,9	-15,5
UK	FTSE 100	5416	-1,7	-28,2	-26,8	-23,0	China	76	-0,4	-11,7	-11,9
Canada	S&P/TSX	12938	2,0	-24,2	-20,7	-14,7	Korea	550	-1,2	-20,4	-17,4
Hong Kong	Hang Seng	23236	-1,1	-17,6	-22,4	-21,3	MSCI Latin America	65401	-2,6	-34,7	-29,7
Euro area	EuroStoxx	290	-2,2	-28,1	-23,0	-21,7	Brazil	222687	-4,8	-39,2	-28,9
Germany	DAX 30	9526	-1,1	-28,1	-20,5	-20,3	Mexico	30769	-2,3	-23,3	-24,4
France	CAC 40	4155	-4,5	-30,5	-24,0	-19,2	MSCI Europe	4871	5,7	-23,6	-14,8
Italy	FTSE/MIB	16384	-2,6	-30,3	-24,5	-27,0	Russia	1103	8,5	-19,0	-4,1
Spain	IBEX-35	6582	-2,9	-31,1	-31,0	-30,8	Turkey	1159766	0,7	-22,8	-13,7

in US Dollar terms	Current	1-week	Year-to-Date	1-Year	2-year	in local currency	Current	1-week	Year-to-Date	1-Year
	Level	change (%)	change (%)	change (%)	change (%)	,	Level	change (%)	change (%)	change (%)
Energy	108,3	7,2	-45,0	-48,1	-48,6	Energy	114,8	7,8	-43,0	-46,6
Materials	192,0	-1,6	-29,5	-26,5	-27,2	Materials	190,8	-0,8	-26,8	-24,1
Industrials	191,7	-6,0	-30,6	-25,2	-24,4	Industrials	192,8	-5,5	-29,5	-24,4
Consumer Discretionary	203,6	-6,3	-26,8	-20,5	-16,3	<b>Consumer Discretionary</b>	198,5	-5,9	-26,0	-20,1
Consumer Staples	216,7	1,9	-13,7	-6,2	-3,6	Consumer Staples	221,3	2,6	-12,0	-4,9
Healthcare	241,0	1,9	-13,7	-2,2	7,6	Healthcare	240,7	2,5	-12,7	-1,6
Financials	79,8	-7,0	-36,5	-30,4	-35,4	Financials	82,2	-6,5	-34,7	-28,7
IT	256,9	-2,8	-17,4	-0,9	13,5	IT	249,9	-2,6	-17,1	-0,8
Telecoms	61,1	-2,0	-21,1	-13,0	-8,3	Telecoms	64,2	-1,8	-20,6	-12,7
Utilities	120,9	-5,8	-19,5	-11,6	-2,5	Utilities	126,2	-5,2	-18,1	-10,3

Bond Markets (%)										
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
US	0,60	0,68	1,92	2,52	2,34	US Treasuries 10Y/2Y	37	43	35	18
Germany	-0,44	-0,47	-0,19	-0,01	1,02	US Treasuries 10Y/5Y	21	28	23	20
Japan	-0,01	0,02	-0,01	-0,04	0,44	Bunds 10Y/2Y	22	21	42	57
UK	0,31	0,37	0,82	1,08	1,89	Bunds 10Y/5Y	17	17	29	41
Greece	1,99	1,59	1,47	3,61	9,87					
Ireland	0,24	0,03	0,12	0,60	3,34	Corporate Bond Spreads	Current	Last week	Year Start	One Year
Italy	1,55	1,32	1,41	2,52	3,10	(in bps)	Current	Last week	rear Start	Back
Spain	0,74	0,54	0,47	1,11	2,88	EM Inv. Grade (IG)	371	367	150	168
Portugal	0,89	0,67	0,44	1,26	4,64	EM High yield	1162	1159	494	471
						US IG	308	324	101	124
US Mortgage Market (1. Fixed-rate Mortgage)	Current	Last week	Year Start	One Year Back	10-year average	US High yield	943	899	360	390
30-Year FRM <sup>1</sup> (%)	3,5	3,5	4,0	4,4	4,2	Euro area IG	239	240	94	121
vs 30Yr Treasury (bps)	226	220	156	144	120	Euro area High Yield	747	760	308	373

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 (%)
Euro-based cross rates										
EUR/USD	1,08	-3,1	-3,0	-3,7	-3,7	Agricultural	306	-3,7	-8,1	-10,2
EUR/CHF	1,06	-0,3	-0,9	-5,9	-2,7	Energy	241	18,8	-37,6	-51,0
EUR/GBP	0,88	-1,6	1,8	2,6	4,1	West Texas Oil (\$)	28	31,8	-39,4	-54,4
EUR/JPY	117,13	-2,6	-2,2	-6,5	-3,7	Crude brent Oil (\$)	30	21,7	-42,1	-56,6
EUR/NOK	11,48	-1,5	11,3	18,9	16,6	Industrial Metals	978	-1,5	-13,5	-23,7
EUR/SEK	11,01	-0,1	4,3	5,7	4,8	Precious Metals	1882	-0,5	-1,3	23,4
EUR/AUD	1,80	-0,1	7,4	14,4	12,9	Gold (\$)	1621	-0,5	-1,0	25,4
EUR/CAD	1,53	-1,5	2,9	2,3	5,3	Silver (\$)	14	-0,6	-16,4	-5,0
USD-based cross rates						Baltic Dry Index	616	10,8	9,6	-11,9
USD/CAD	1,42	1,6	6,1	6,3	9,4	<b>Baltic Dirty Tanker Index</b>	1383	12,4	73,7	123,8
USD/AUD	1,67	2,8	10,5	18,6	17,0					
USD/JPY	108,55	0,6	0,9	-2,8	-0,1					



35

30

25

20

15

10

5

0

-5

-10

-15

-20

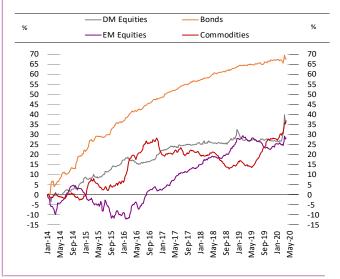
-25

May-20

Sep-19 Jan-20

Europe exUK





Source: Bloomberg, NBG estimates, Cumulative flows since January 2014, AUM stands for Assets Under Management, Data as of April 3rd

### Source: Bloomberg, NBG estimates, Cumulative flows since January 2014, AUM stands for Assets Under Management, Data as of April 3<sup>rd</sup>

-Emerging Markets



Sep-14 Jan-15 May-15

Sep-15 Jan-16 Sep-16 Jan-17 May-17 Sep-17 Jan-18 May-18 Sep-18 Jan-19 May-19

May-16

Equity ETFs: Flows as % of AUM

%

35

30

25

20 15

10

5

0

-5

-10

-15

-20

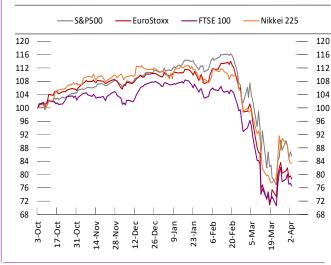
-25

Jan-14 May-14



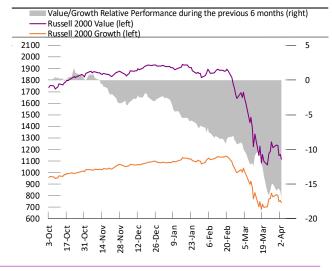
Source: Bloomberg - Data as of April  $3^{rd}$  – Rebased @ 100

#### Equity Market Performance - G4



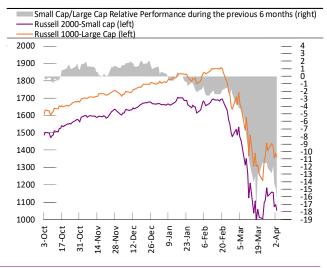
Source: Bloomberg - Data as of April 3<sup>rd</sup> - Rebased @ 100

#### Russell 2000 Value & Growth Index



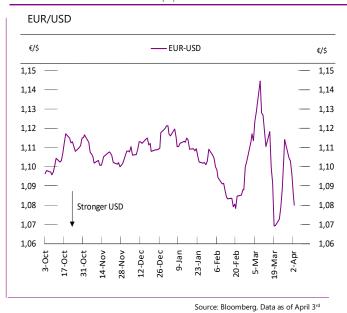
Source: Bloomberg, Data as of April 3rd

#### Russell 2000 & Russell 1000 Index

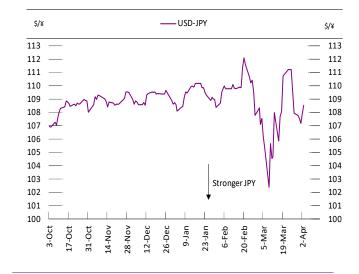


Source: Bloomberg, Data as of April 3rd



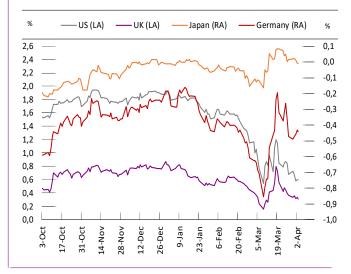






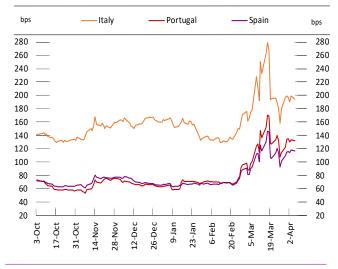
Source: Bloomberg, Data as of April 3<sup>rd</sup>





Source: Bloomberg - Data as of April 3<sup>rd</sup> LA:Left Axis RA:Right Axis

#### 10- Year Government Bond Spreads



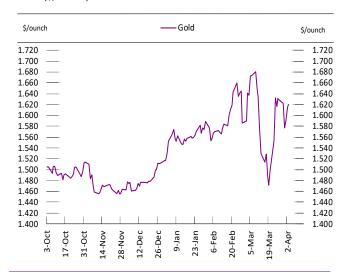
Source: Bloomberg - Data as of April 3<sup>rd</sup>

#### West Texas Intermediate (\$/brl)



Source: Bloomberg, Data as of April 3<sup>rd</sup>

#### Gold (\$/ounch)



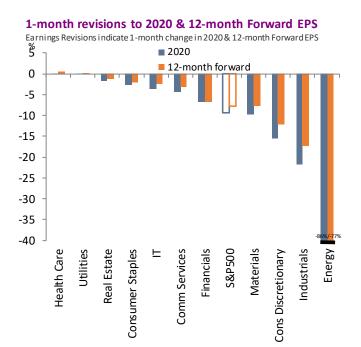
Source: Bloomberg, Data as of April  $3^{\rm rd}$ 

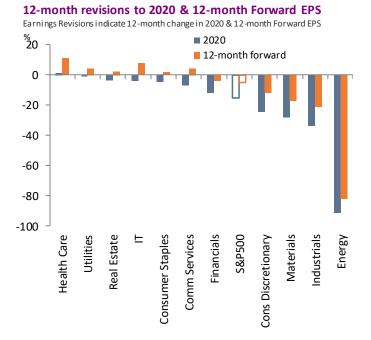


#### **US Sectors Valuation**

		Price (\$)	EPS Gro	owth (%)	Dividend	Yield (%)		P/	E Ratio			P/BV R	atio	
	3/4/20	% Weekly Change	2019	2020	2019	2020	2019	2020	12m fwd	10Yr Avg	2019	2020	12m fwd	10Yr Avg
S&P500	2489	-2,1	1,2	-2,8	1,8	2,5	20,2	15,8	15,3	15,1	3,7	2,7	2,6	2,5
Energy	229	5,4	-28,8	-85,7	3,9	7,8	21,8	77,1	62,7	19,8	1,6	0,9	0,9	1,7
Materials	268	-3,8	-15,6	-4,4	2,1	3,2	20,2	15,1	14,5	14,7	2,4	1,7	1,7	2,5
Financials														
Diversified Financials	547	-3,0	1,6	-1,4	1,4	2,2	16,2	12,0	11,7	13,8	1,9	1,3	1,2	1,5
Banks	205	-11,0	9,0	-6,5	2,6	5,2	12,3	7,2	7,2	10,9	1,4	0,7	0,7	1,0
Insurance	291	-6,8	15,8	6,2	2,2	3,6	13,4	8,3	8,1	10,8	1,5	0,9	0,9	1,1
Real Estate	182	-6,2	1,9	2,3	3,1	4,2	21,0	15,5	15,3	18,3	3,7	2,8	2,8	3,0
Industrials														
Capital Goods	494	-4,3	-7,0	-5,4	1,8	2,8	21,3	15,0	14,4	15,5	5,8	3,6	3,5	3,5
Transportation	551	-5,2	6,6	-45,4	1,9	2,7	14,7	18,8	16,6	13,5	4,3	3,0	2,9	3,4
Commercial Services	267	-4,0	12,8	-0,8	1,3	1,7	28,5	21,5	20,9	19,9	6,0	4,1	4,1	3,5
Consumer Discretionary														
Retailing	2106	-2,6	3,6	0,7	0,8	1,0	32,9	27,8	26,4	21,3	12,7	9,4	9,0	6,2
Media	515	-1,3	3,8	8,5	0,4	0,5	27,4	19,2	18,4	20,1	4,2	2,9	2,8	3,2
Consumer Services	780	-8,5	5,0	-14,5	2,1	3,7	23,9	16,4	15,5	19,2	14,8	8,8	8,8	6,5
Consumer Durables	234	-9,4	0,4	-2,5	1,4	2,4	19,2	12,5	12,1	16,8	4,0	2,3	2,2	3,2
Automobiles and parts	56	-16,0	-16,4	-38,9	4,2	8,5	8,5	6,9	6,2	8,2	1,4	0,7	0,7	1,7
IT														
Technology	1268	-2,8	2,6	5,8	1,3	1,9	21,6	15,6	15,1	12,7	9,7	8,3	8,5	3,8
Software & Services	2002	-1,7	11,1	11,3	1,0	1,2	29,3	22,2	21,5	17,4	7,9	6,2	6,0	5,2
Semiconductors	1022	-1,7	-12,3	4,9	1,8	2,4	18,9	14,8	14,3	13,9	5,5	4,2	4,1	3,1
Communication Services	144	-1,4	3,0	5,5	1,2	1,5	21,8	15,9	15,4	17,3	3,5	2,5	2,4	2,8
Consumer Staples														
Food & Staples Retailing	453	2,9	2,9	0,1	1,7	1,9	21,5	19,9	19,6	16,2	4,6	4,1	4,0	3,1
Food Beverage & Tobacco	604	3,7	-1,7	1,8	3,3	4,0	19,7	16,4	16,1	17,5	5,3	4,3	4,3	4,9
Household Goods	685	3,6	6,6	6,0	2,3	2,6	25,8	22,4	22,0	19,3	8,9	8,1	8,0	5,1
Health Care														
Pharmaceuticals	890	5,3	9,8	5,6	2,1	2,6	15,9	13,5	13,2	14,4	5,5	4,2	4,1	3,5
Healthcare Equipment	1088	-2,0	10,3	9,1	1,0	1,4	20,4	14,6	14,2	15,2	3,7	2,6	2,5	2,6
Utilities	263	-7,1	4,9	4,2	3,1	4,0	20,7	16,0	15,8	15,8	2,2	1,7	1,7	1,6

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 a value less than -1standard devation from average





Source: Factset, Data as of April 3<sup>rd</sup> 12-month forward EPS are 74% of 2020 EPS and 26% of 2021 EPS

Source: Factset, Data as of April 3<sup>rd</sup>

12-month forward EPS are 74% of 2020 EPS and 26% of 2021 EPS

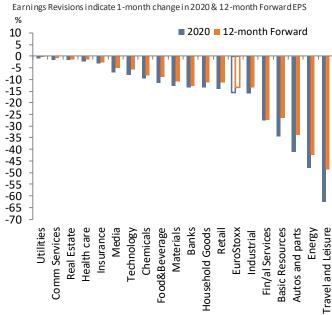


#### **Euro Area Sectors Valuation**

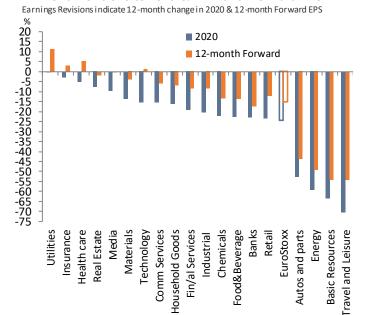
		Price (€)	EPS Gro	wth (%)	Dividend	Yield (%)		P/	E Ratio			P/I	BV Ratio	
	3/4/20	% Weekly Change	2019	2020	2019	2020	2019	2020	12m fwd	10Yr Avg	2019	2020	12m fwd	10Yr Avg
EuroStoxx	290	-2,2	2,4	-11,5	3,1	4,1	16,8	13,5	12,9	13,1	1,7	1,2	1,2	1,4
Energy	221	5,2	-9,8	-45,2	4,9	7,6	13,8	16,7	15,2	11,4	1,3	0,9	0,9	1,2
Materials	313	-5,3	14,1	-7,3	3,2	5,1	15,4	10,8	10,4	14,2	1,9	1,2	1,2	1,4
Basic Resources	135	1,6	-61,6	-12,5	3,3	5,2	19,3	15,1	13,4	13,5	0,8	0,5	0,5	0,9
Chemicals	902	3,3	-13,3	-4,1	2,7	3,5	21,8	17,7	17,1	15,1	2,1	1,6	1,6	2,2
Financials														
Fin/al Services	401	0,2	25,4	-23,5	2,4	3,3	15,8	16,2	16,1	14,1	1,7	1,1	1,1	1,3
Banks	50	-13,2	-1,3	-11,1	5,7	9,4	9,2	5,4	5,3	9,4	0,6	0,3	0,3	0,7
Insurance	195	-4,4	13,0	1,3	4,8	8,0	11,0	6,9	6,8	9,2	1,0	0,6	0,6	0,9
Real Estate	177	-0,3	0,1	1,5	4,2	5,7	19,1	13,5	13,3	16,8	1,0	0,7	0,7	1,0
Industrial	614	-5,9	11,4	-7,9	2,3	3,5	20,4	14,3	13,7	15,2	3,2	2,0	2,0	2,3
Consumer Discretionary														
Media	168	5,8	5,4	-1,5	2,9	3,9	17,2	13,0	12,6	15,2	2,4	1,7	1,7	1,8
Retail	507	-0,5	2,8	-9,4	2,5	3,0	25,2	23,4	22,2	19,0	4,3	3,0	3,0	3,1
Automobiles and parts	280	-5,5	-12,2	-39,6	3,7	4,5	8,7	8,1	7,4	8,4	0,9	0,5	0,5	1,0
Travel and Leisure	126	-5,0	-10,1	-58,2	2,2	2,5	16,8	23,5	19,8	14,1	2,0	1,2	1,2	2,0
Technology	484	-2,3	5,8	0,5	1,2	1,2	26,9	20,6	19,6	18,2	4,2	3,0	2,9	3,0
Communication Services	235	0,4	-14,3	12,2	4,2	5,2	17,5	12,6	12,2	14,1	1,9	1,4	1,4	1,8
<b>Consumer Staples</b>														
Food&Beverage	423	-0,8	16,8	-14,4	2,1	3,2	20,5	16,9	16,2	18,5	2,7	1,7	1,7	2,6
Household Goods	868	-2,9	6,9	-6,7	1,6	2,0	29,6	25,3	24,3	20,8	6,1	4,5	4,4	3,7
Health care	735	2,9	7,3	5,6	2,1	2,7	20,1	15,5	15,1	15,1	2,4	1,9	1,8	2,1
Utilities	290	-1,8	57,3	7,8	4,5	5,9	16,2	12,4	12,2	12,6	1,6	1,2	1,2	1,1

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 a value less than -1standard devation from average

## 1-month revisions to 2020 & 12-month Forward EPS



#### 12-month revisions to 2020 & 12-month Forward EPS



Source: Factset, Data as of April 3<sup>rd</sup> 12-month forward EPS are 74% of 2020 EPS and 26% of 2021 EPS

Source: Factset, Data as of April  $3^{\rm rd}$  12-month forward EPS are 74% of 2020 EPS and 26% of 2021 EPS



#### **DISCLOSURES:**

This report has been produced by the Economic Research Division of the National Bank of Greece, which is regulated by the Bank of Greece, and is provided solely as a sheer reference for the information of experienced and sophisticated investors who are expected and considered to be fully able to make their own investment decisions without reliance on its contents, i.e. only after effecting their own independent enquiry from sources of the investors' sole choice. The information contained in this report does not constitute the provision of investment advice and under no circumstances is it to be used or considered as an offer or an invitation to buy or sell or a solicitation of an offer or invitation to buy or sell or enter into any agreement with respect to any security, product, service or investment. No information or opinion contained in this report shall constitute any representation or warranty as to future performance of any financial instrument, credit, currency rate or other market or economic measure. Past performance is not necessarily a reliable guide to future performance. National Bank of Greece and/or its affiliates shall not be liable in any matter whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance on or usage of this report and accepts no legal responsibility to any investor who directly or indirectly receives this report. The final investment decision must be made by the investor and the responsibility for the investment must be taken by the investor.

Any data provided in this report has been obtained from sources believed to be reliable but has not been independently verified. Because of the possibility of error on the part of such sources, National Bank of Greece does not guarantee the accuracy, timeliness or usefulness of any information. Information and opinions contained in this report are subject to change without notice and there is no obligation to update the information and opinions contained in this report. The National Bank of Greece and its affiliate companies, its representatives, its managers and/or its personnel or other persons related to it, accept no responsibility, or liability as to the accuracy, or completeness of the information contained in this report, or for any loss in general arising from any use of this report including investment decisions based on this report. This report does not constitute investment research or a research recommendation and as such it has not been prepared in accordance with legal requirements designed to promote investment research independence. This report does not purport to contain all the information that a prospective investor may require. Recipients of this report should independently evaluate particular information and opinions and seek the advice of their own professional and financial advisers in relation to any investment, financial, legal, business, tax, accounting or regulatory issues before making any investment or entering into any transaction in relation to information and opinions discussed herein.

National Bank of Greece has prepared and published this report wholly independently of any of its affiliates and thus any commitments, views, outlook, ratings or target prices expressed in these reports may differ substantially from any similar reports issued by affiliates which may be based upon different sources and methodologies.

This report is not directed to, or intended for distribution to use or use by, any person or entity that is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to any law, regulation or rule.

This report is protected under intellectual property laws and may not be altered, reproduced or redistributed, or passed on directly or indirectly, to any other party, in whole or in part, without the prior written consent of National Bank of Greece.

#### ANALYST CERTIFICATION:

The research analyst denoted by an "AC" on page 1 holds the certificate (type  $\Delta$ ) of the Hellenic Capital Market Commission/Bank of Greece which allows her/him to conduct market analysis and reporting and hereby certifies that all of the views expressed in this report accurately reflect his or her personal views solely, about any and all of the subject issues. Further, each of these individuals also certifies that no part of any of the report analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this report. Also, all opinions and estimates are subject to change without notice and there is no obligation for update.