Global Markets Roundup



National Bank of Greece | Economic Research Division | June 21, 2022

Central banks -- excluding the Bank of Japan -- are willing to tighten monetary policy rapidly to tackle elevated inflation

- The Federal Reserve increased the Federal Funds Rate (FFR) by 75 bps as expected, the largest single increase since 1994, to a range of 1.5% 1.75%, while leaving the door open to a similar move in the next meeting (July 27th).
- The Federal Reserve now points to an FFR of 3.4% by end-2022 (median projection) instead of 1.9% in March's projections, suggesting a fast entry in restrictive territory (range of FOMC's estimates for the longer-run FFR: 2.0% 3.0%), broadly aligning with markets' expectations for a range of 3.5% 3.75%.
- The Bank of England (BoE), increased the Bank Rate for a 5th consecutive meeting, as expected, by 25 bps to 1.25%, with a vote majority of 6 versus 3 who opted for a 50 bps hike. Markets price-in the Bank Rate to reach 3.5% in the next 12 months.
- The European Central Bank announced, as expected, the end of net asset purchases as of July 1st, as well as its intention to increase the key policy interest rates by 25 bps in the July 21st meeting. The ECB left the door wide open for larger hike increments afterwards, supporting the view for a +50 bps to come on September 8th and indicated that hikes will continue after September. In all, markets price-in cumulative increase of circa 250 basis points over the next 12 months.
- To stem market fragmentation risks, apart from the "total" flexibility in PEPP re-investments across time and jurisdictions, the ECB held an ad hoc meeting on June 15th, pledging the immediate commencement of designing a new instrument. Euro area periphery spreads broke their rising trend following ECB's announcement.
- The Bank of Japan (BoJ) maintained its ultra-accommodative stance and showed no intention to deviate from it. The forward guidance "policy interest rates are expected to remain at their present or lower levels" was unchanged. Monetary policy divergence with major peers led to a sharp depreciation for the Yen following BoJ's meeting, -2.1% on Friday versus the US dollar to ¥135.30, the weakest since October 1998.
- Discounting rising probabilities that major central banks' aggressive monetary tightening could lead to a "hard landing", the S&P500 declined by 5.8% in the past week, recording losses in 10 of the past 11 weeks. US large-cap equities have declined by -23% since January 2022 high (4797).
- Similarly, the Eurostoxx ended the week down by 4.6%, standing 21% below its November 2021 high (488), with both indices dipping into "bear market" territory. Following the recent sell-off, equities attracted buying interest in the start of the current week.
- Valuations have reverted rapidly below their long-term means. Indeed, the 12-month forward Price to Earnings ratio for the S&P500 has retreated to 15.5x, falling below its 20-year average of 15.8x, for the first time since April 2020. Compared to the pre-pandemic levels, the ratio is 2.5 points lower than in January 2020. Regarding the Eurostoxx, the ratio stands at 11.9x, significantly below its 20-year average (13.3x) and its January 2020 level (15.0x).

Ilias Tsirigotakis^{AC} Head of Global Markets Research 210-3341517 tsirigotakis.hlias@nbg.gr

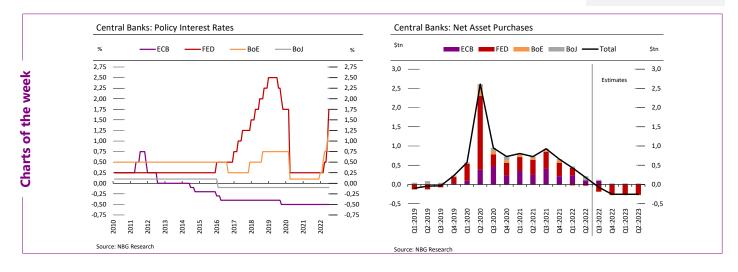
> Panagiotis Bakalis 210-3341545 mpakalis.pan@nbg.gr

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





The Fed revised significantly its projections for inflation (up) and GDP (down)

- The 18 participants in the Federal Open Market Committee (FOMC) lowered their anticipated trajectory for GDP compared with three months ago, on account, inter alia, of tighter financial conditions, larger and longer lasting than previously expected supply constraints (exacerbated among others from the war in Ukraine) and demand headwinds from elevated inflation (see below). In all, the median estimate for 2022 GDP growth (Q4/Q4) was revised down by 1.1 pp to +1.7% yoy. Further ahead, the FOMC participants' projections were also brought down for Q4:23 (by 0.5 pps to +1.7% yoy), were little changed for Q4:24 (-0.1 pp to +1.9% yoy), while the longer-run projection was stable at +1.8% yoy.
- The weaker path for GDP came alongside higher projections for the unemployment rate, albeit the new estimates are still viewed by the FOMC members as consistent with a "strong" labor market. In fact, that development is viewed as constructive in the context of restoring the demand/supply balance (both in the labor market and the broader economy), hence safeguarding the long term health of the labor market. Regarding the latter, recall that the Fed continued to characterize it as "extremely tight", highlighting the record (since 2000) high vacancy rate (i.e. the ratio of job openings to the number of unemployed excluding those on temporary layoff), which has been consistently above 2x since past December (reaching 2.3x on average in March and April). In all, the projections for the unemployment rate were revised upwards by 0.2 pps to 3.7% on average in Q4:22, by 0.4 pps to 3.9% in Q4:23 and by 0.5 pps to 4.1% in Q4:24, while the longer-run estimate was maintained at 4.0%.
- On inflation, the FOMC substantially revised up its respective short-term projections, as expected, due to, *inter alia*, significantly higher than previously expected monthly outcomes and further upside pressures, particularly to prices of energy and food, from the war in Ukraine. Indeed, headline PCE inflation is now anticipated at +5.2% yoy in 2022, +2.6% yoy in 2023 and at +2.2% yoy in 2024 (Q4 average, up by 0.9 pps, down by 0.1 pp and also down by 0.1 pp compared with March's projections, respectively). The longer-run projection was stable at +2.0% yoy). In a similar note, with price pressures having spread further to a broader range of goods and services, core PCE growth is now anticipated at +4.3% yoy in 2022 (Q4 average) versus +4.1% yoy previously, while the respective estimate for 2023 was revised up by 0.1 pp to +2.7% yoy and for 2024 it was left unchanged at +2.3% yoy.
- The aforementioned macroeconomic outlook is conditioned on the Fed proceeding much more aggressively with hikes in the Federal Funds Rate (FFR), including the one undertaken in the last meeting (+75 bps to a target range of 1.5% 1.75%, the first increase of such scale since 1994). In the event, the median of FOMC participants' respective assumptions, points to +3.4% by end-2022 instead of 1.9% previously (with the longer-term FFR estimate from FOMC participants at a central tendency of 2.3% to 2.5%, the aforementioned level suggests that monetary policy will have entered restrictive territory probably well before year-end), 3.8% instead of 2.8% for end-2023, while a gradual move towards "neutrality" is anticipated to start later on (3.4% for end-2024).

US private consumption posted signs of easing impetus, according to retail sales data for May

- Nominal retail sales fell modestly, by 0.3% mom (seasonally adjusted) in May, below consensus estimates for +0.2%. The negative surprise was somewhat more profound for the level or retail sales, given a downward revision for April (-0.2 pps to +0.7% mom) and March (-0.2 pps to +1.2% mom). Regarding the annual pace of growth, it accelerated to +8.1% from +7.8% in April, due to favorable base effects. At the same time, the so-called "control group", as it feeds into the calculation for GDP (i.e., excluding autos, gas, food services and building materials) was broadly unchanged on a monthly basis, below consensus for +0.5% mom. Again, the negative surprise was more profound for the level of the "control group", given a downward revision of 0.5 pps for both April's and March's outcomes (to +0.5% mom & +0.6% mom, respectively). The annual growth was +6.2% yoy in May from +5.6% yoy in the previous month.
- In all, the Atlanta Fed's GDPNowcast model points to stagnant real GDP in quarterly terms (+1.9% yoy) in Q2:22 from -1.5% qoq saar (+3.5% yoy) in Q1:22, with a significant drag from inventories, offsetting a positive contribution (mainly) from private consumption.

China: economic activity data improved in May, modestly above expectations, albeit with significant challenges remaining

- The momentum for economic activity was supported in May, inter alia, by an improving pandemic situation and a partial easing of respective restrictions. In the event, the annual growth of retail sales (in nominal terms) came out at -6.7% from -11.1% in April, versus consensus estimates for -7.1%. In addition, industrial production growth was +0.7% yoy in May from -2.9% yoy in the previous month, overshooting expectations for -0.7%. The improvement was led by output of automobiles (-7.0% yoy from -31.8% yoy) and of general manufacturing equipment (-6.8% yoy from -15.8%), in view of an easing of lockdowns in respective major manufacturing hubs (mainly in the cities of Shanghai, Suzhou and Jilin). Finally, fixed assets investment growth came out at +6.2% yoy from +6.8% yoy previously, moderately above consensus estimates for +6.0%. Notably, the annual growth of investment in infrastructure, accelerated by 0.2 pps to +6.7%, likely boosted by policy support. Such support probably contributed to overall credit's (as measured by Total Social Financing) annual growth, accelerating by 0.3 pps to +10.5% in May (average of +10.4% yoy so far in 2022).
- In all, despite the improvement of momentum in May, the economic outlook remains highly uncertain in view of China's "zero-covid" policy which, combined with the extreme transmissibility of the coronavirus (which means that a relapse of the pandemic is probable) entails high risks of renewed stringent control measures. In the event, note that some new covid cases have spurred a fresh round of mass testing, *inter alia*, in Beijing and Shanghai.



Equities

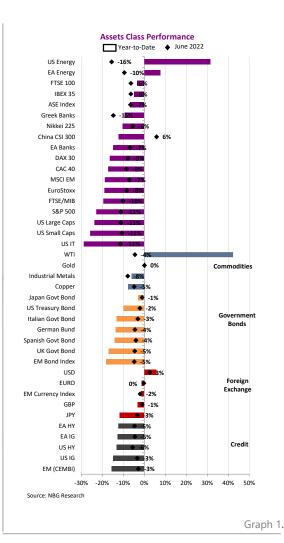
• Global equity markets took a beating in the past week, in view of growth pessimism and more aggressive monetary policy tightening. Specifically, the MSCI ACWI declined by 5.8% (-23% ytd). In the US, the S&P500 ended the week down by 5.8% wow, entering "bear market" territory (-23% from its peak on January 3rd, which was also a record high. Option-implied equity volatility increased, with the CBOE VIX Index at 32% on average in the past week, versus an average of 26% so far in 2022. Sector-wise, Energy led the decline (-17.2% wow), in view of a partial easing in prices of energy commodities (see below), remaining though by far the top performer so far in 2022 (+31%). On the other side of the Atlantic, the Eurostoxx fell by 4.6% in the past week, also entering "bear market" territory (-21% from its peak on January 5th). Notably, following the recent sell-off, equities attracted buying interest in the start of the current week, with the EuroStoxx up by 0.9% on Monday and by 0.9% on Tuesday and the S&P500 poised to move up on Tuesday according to futures by 2.6% (US markets were closed on Monday June 20th due to the Juneteenth holiday).

Fixed Income

• Government bond yields ended the week up, albeit off their intra-week highs, with the US Treasury 10-year yield rising by 8 bps to 3.24% after having reached 3.48% intra-week, the highest since April 2011 and the Bund 10-year yield by 27 bps to 1.73% (at a c. 8-year high of 1.76% intra-week). Importantly, periphery government bond yield spreads over the Bund broke their rising trend after ECB's announcement for a new anti-fragmentation instrument to be designed. In the 10-year tenor, in Italy, the spread narrowed by 33 bps wow to 192 bps and in Greece by 61 bps wow to 230 bps. Corporate bond spreads widened, especially in the High Yield (HY) spectrum, due to weaker risk appetite. Specifically, US HY spreads rose by 64 bps to 515 bps and their euro area counterparts by 66 bps to 542 bps. In the Investment Grade spectrum, the USD spreads rose by 9 bps to 150 bps and their EUR counterparts by 25 bps to 191 bps.

FX and Commodities

• In foreign exchange markets, the impact from recent decisions from most central banks was measured as they were largely in line with expectations. In the event, the US dollar rose by 0.7% wow against the euro to \$1.046, giving up these gains on Monday June 20th (-0.8% to \$1.054). On the other hand, the hike by the Swiss National Bank of its policy rate, by 50 bps to -0.25% was unexpected and as a result (combined with "safe haven demand"), led the Swiss Franc substantially higher, by 2.3% wow against the euro to EUR/CHF: 1.02 and by 1.6% wow against the US dollar to USD/CHF: 0.97. The British Pound fell (-0.6% wow in nominal effective exchange terms), mainly on account of weaker than expected economic data (GDP fell by 0.3% mom in April, from -0.1% mom in March and versus consensus estimates for +0.1% mom | the unemployment rate rose by 0.1 pp in April to 3.8%, versus expectations for 3.6%). Finally, the Japanese Yen whipsawed, giving up the gains (related to "safe haven" demand) earlier in the week, after the Bank of Japan decided to maintain its ultraaccomodative monetary policy stance. Overall, the Yen, declined by 0.8% wow US dollar to ¥135.30. Against the euro it rose slightly, by 0.1% wow to ¥141.48. In commodities, oil prices fell, on account, inter alia, of demand concerns (Brent: -7.3% wow to \$113.1/barrel | WTI: -9.2% wow to \$109.6/barrel). At the same time, natural gas prices moved in opposite directions in N.America (spot Henry Hub: -20.9% wow to \$6.94/Mmbtu) and Europe (spot Dutch TTF: +42.8% wow to €117.7/mwh), in view of: i) a major export plant in the US (Freeport LNG) staying out of line for longer than previously anticipated (thus, more supply is set to stay in the domestic market) and; ii) reduced flows from Gazprom to Europe (according to Gazprom, the reduction is due to technical reasons, associated, inter alia, with a sanctions-related delay in receiving critical equipment which was under repair and maintenance).





Quote of the week: "Demand is very hot still in the economy, we'd like to see the labor market getting better in balance between supply and demand...so we feel that there's a role for us in moderating demand..we think the policy is going to need to be restrictive, and we don't know how restrictive", Fed Chair, Jerome Powell, June 15th 2022.

Graph 2.



10-Yr Gov. Bond Yield (%)	June 17th	3-month	6-month	12-month	Official Rate (%)	June 17th	3-month	6-month	12-month
Germany	1,73	1,70	1,80	2,00	Euro area	-0,50	0,25	1,25	2,25
US	3,24	3,20	3,30	3,40	US	1,75	3,00	3,50	4,00
UK	2,54	2,00	2,02	1,95	UK	1,25	1,85	2,10	2,25
Japan	0,24	0,23	0,24	0,28	Japan	-0,10	-0,10	-0,10	-0,10
Currency	June 17th	3-month	6-month	12-month		June 17th	3-month	6-month	12-month
EUR/USD	1,05	1,06	1,08	1,10	USD/JPY	135	124	126	125
EUR/GBP	0,86	0,85	0,87	0,87	GBP/USD	1,22	1,24	1,25	1,26
EUR/JPY	142	132	136	138					
orecasts at end of period									

United States	2020a	O1:21a	O2:21a	O3:21a	O4:21a	2021a	O1:22a	O2:22f	O3:22f	O4:22f	2022
Real GDP Growth (YoY) (1)	-3,4	0,5	12,2	4,9	5,5	5,7	3,6	2,6	2,8	1,7	2,7
Real GDP Growth (QoQ saar) (2)	-	6,3	6,7	2,3	6,9	-	-1,4	2,9	3,0	2,4	-
Private Consumption	-3,8	11,4	12,0	2,0	2,5	7,9	2,7	3,2	3,5	2,7	3,3
Government Consumption	2,5	4,2	-2,0	0,9	-2,6	0,5	-2,7	2,6	1,7	1,7	-0,4
Investment	-2,7	13,0	3,3	-0,9	2,7	7,8	7,3	4,9	4,1	3,7	4,1
Residential	6,8	13,3	-11,7	-7,7	2,2	9,2	2,1	2,6	2,7	2,2	0,1
Non-residential	-5,3	12,9	9,2	1,7	2,9	7,4	9,2	5,6	4,4	4,0	5,4
Inventories Contribution	-0,6	-3,7	-1,7	2,1	5,4	0,1	-0,7	-0,7	-0,7	-0,7	0,7
Net Exports Contribution	-0,2	-2,0	-0,4	-1,5	-0,7	-1,9	-3,8	0,0	0,2	0,2	-1,3
Exports	-13,6	-2,9	7,6	-5,3	22,4	4,5	-5,9	5,2	6,6	4,2	4,1
Imports	-8,9	9,3	7,1	4,7	17,9	14,0	17,7	3,0	2,8	1,3	9,5
Inflation (3)	1,2	1,9	4,9	5,4	6,7	4,7	8,0	7,6	7,2	6,7	7,3
Euro Area	2020a	Q1:21a	Q2:21a	Q3:21a	Q4:21a	2021a	Q1:22f	Q2:22f	Q3:22f	Q4:22f	2022
Real GDP Growth (YoY)	-6,5	-0,9	14,6	4,0	4,6	5,4	4,8	3,0	1,8	2,1	2,9
Real GDP Growth (QoQ saar)	-	-0,5	9,1	9,3	1,0	-	0,1	2,0	4,2	2,0	-
Private Consumption	-8,0	-8,9	16,5	19,1	-2,3	3,5	0,4	2,1	3,9	2,8	3,9
Government Consumption	1,1	-2,1	9,4	1,1	1,9	3,8	-0,1	0,7	0,9	0,9	1,3
Investment	-7,3	0,6	5,2	-3,7	14,9	4,3	3,7	-6,7	6,5	5,7	3,2
Inventories Contribution	-0,5	4,3	-2,2	-0,5	1,5	0,4	-0,3	-0,5	-0,5	0,2	-0,1
Net Exports Contribution	-0,4	0,4	0,0	0,9	-2,6	1,4	-0,7	2,7	1,1	-1,0	0,0
Exports	-9,4	5,1	11,8	7,0	12,1	10,9	2,1	2,2	6,0	1,6	5,6
Imports	-9,2	4,8	13,0	5,8	19,8	8,6	3,8	-3,2	4,2	4,1	6,0
nflation	0.3	1.0	1.8	2.9	4.7	2.6	6.1	8.5	7,6	6,5	7,2

US	Euro Area	Japan	UK
Households' balance sheets are healthy Service-oriented sectors are re-opening Sentiment (e.g. AAII) and positioning indicators are hitting extreme lows Peaking profit margins Recession risks are increasing P/Es (Valuations) still remain above l-t means, despite the recent correction	could intensify	BoJ +JPY depreciation @ 20Y highs (¥130) support exporters	+ Significant exposure to commodities + Undemanding valuations in relative terms relative to other regions - Elevated domestic policy uncertainty
Neutral/Negative	• Neutral	Neutral	Neutral/Positive
+Valuations appear rich despite the 200bps increase, with term-premium @ 0% (1% for 2000-2015) +Sizeable fiscal deficit +Underfying inflation pressures under Average Inflation Targeting +Fed: End of asset purchases - Global search for yield by non-US investors (e.g. Japan, repatriation from EM Economies) continues - Safe haven demand	+Valuations still appear excessive compared with long- term fundamentals + ECB: End of APP purchases in June 2022, interest rate hikes in H2 - Political Risks - Fragile growth outlook - ECB QE "stock" effect	+Restructuring efforts to be financed by fiscal policy	+ Inflation expectations could drift higher due to supp disruptions (persistent post Brexit, temporary due to China) + The BoE is expected to raise rates towards 2% - Slowing economic growth post-Brexit
▲ Slightly higher yields expected	▲ Slightly higher yields expected	Stable yields expected	▲ Slightly higher yields expected
+Weak global growth / Safe-haven demand status + USD interest rate differential vs peers remain significant + Aggresive Fed tightening - Global political uncertainty to decline	+Current account surplus - Still negative interest rates - Global growth risks remain to the downside	+ 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%	+Valuations appear undemanding with REER below 15-year average - Sizeable Current account deficit
Broadly Flat USD against G10 FX	 Broadly Flat/Stronger EUR against the USD 	▲Slightly higher JPY	



Economic Calendar

In the US, durable goods orders and new home sales announcements for May, with gather investors' attention. On Thursday, the weekly initial and continuing jobless claims will provide a more updated view of labor market conditions.

In the UK, PMI manufacturing survey for June is released on Thursday. On Wednesday, attention turns to inflation data for May. CPI is expected at 9.2% yoy from 9.0% yoy in April, while the core figure is expected at 6.1% yoy from 6.2% yoy.

In the Euro area, attention turns to PMI (23/6) and consumer confidence (22/6) surveys for June, as they will provide valuable insight regarding the current economic momentum.



Economic News Calendar for the period: June 14 - June 27, 2022

Tuesday 14	-				Wednesday 15					Thursday 16				
UK		S	Α	P	US		S	Α	P	US		S	Α	P
ILO Unemployment Rate	April	3,7%		3,7%	Fed announces its intervention	lune 45	1.500/		1.000/	Initial Jobless Claims (k)	June 11	218	229	232
GERMANY					rate	June 15	1,50% +		1,00%	Continuing Claims (k)	June 4	1312	1312	1309
ZEW survey current situation	June	-32,5		-36,5	Empire Manufacturing	June	4,0 -	-1,2	-11,6	Building permits (k)	May	1800		1823
ZEW survey expectations	June	-28,0	-28,0	-34,3	Net Long-term TIC Flows (\$ bn)	April		87,7	23,1	Housing starts (k)	May	1720	1549	1810
					Retail Sales Advance MoM	May	0,2% -		0,7%	Philadelphia Fed Business Outlook	June	5,0	-3,3	2,6
					Retail sales ex-autos (MoM)	May	0,7% -	0,5%	0,4%		June	3,0	3,3	2,0
					NAHB housing market confidence	June	68 -	67	69	UK				
					index					BoE announces its intervention	June 16	1,25%	1,25%	1,00%
					EURO AREA	A	0.70/	0.40/	-1,4%	rate				
					Industrial Production (sa, MoM)	April April	0,7% - -0,6% -		-0,5%	JAPAN Exports YoY	May	13,2%	15,8%	12,5%
					Industrial Production (wda, YoY) Trade Balance SA (€ bn)	April	-0,076 -	-31,7	-17,8	Imports YoY	May		48,9%	28,3%
					CHINA	Арін	**	-51,1	-17,0	Imports for	ividy	33,370	40,576	20,376
					Retail sales (YoY)	May	-7,1% +	-6.7%	-11,1%					
					Industrial production (YoY)	May	-0,9% +		-2,9%					
						,	-,	-,	_,					
Friday 17					Monday 20									
US		S	Α	Р			S	Α	Р					
Industrial Production (MoM)	May	0,4%	- 0,2%	1,4%										
JAPAN														
Bank of Japan announces its	June 17	-0,10%	-0,10%	-0,10%										
intervention rate		-,	-,	-,										
Tuesday 21					Wodnesday 22					Thursday 22				
Tuesday 21		S	Δ	P	Wednesday 22		5	Δ	P	Thursday 23		S	Δ	P
US	Mav	S 5 3 6	A	P 5.61	UK	Mav	S 9.2%	A	P 9.0%	US	June 18	S 225	A	P 229
	May	s 5,36	A	P 5,61	UK CPI (YoY)	May Mav	9,2%		9,0%	US Initial Jobless Claims (k)	June 18 June 11	225		229
US	May				UK CPI (YoY) Core CPI (YoY)	May May				Initial Jobless Claims (k) Continuing Claims (k)	June 11	225 1319		229 1312
US	May				UK CPI (YoY)		9,2%		9,0%	US Initial Jobless Claims (k)		225		229
US	May				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK	June 11	225 1319		229 1312
US	May				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK	June 11 June	225 1319 56,3		229 1312 57,0
US	May				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA	June 11	225 1319		229 1312
US	May				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI	June 11 June	225 1319 56,3		229 1312 57,0
US	Мау				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN	June 11 June June June June	225 1319 56,3 54,0 53,0		229 1312 57,0 54,6 53,4
US	May				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing	June 11 June June	225 1319 56,3 54,0		229 1312 57,0 54,6
US	Мау				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA	June 11 June June June June	225 1319 56,3 54,0 53,0		229 1312 57,0 54,6 53,4
US	Мау				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone	June 11 June June June June	225 1319 56,3 54,0 53,0 53,1		229 1312 57,0 54,6 53,4 53,3
US	May				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global EUROZONE Manufacturing PMI	June 11 June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0		229 1312 57,0 54,6 53,4 53,3
US	Мау				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
US	May				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global EUROZONE Manufacturing PMI	June 11 June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0		229 1312 57,0 54,6 53,4 53,3
US	May				UK CPI (YoY) Core CPI (YoY) EURO AREA	May	9,2% 6,1%		9,0% 6,2%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24	Мау	5,36		5,61	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator	May	9,2% 6,1% -21,4		9,0% 6,2% -21,1	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US		5,36		5,61	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US	May June	9,2% 6,1% -21,4		9,0% 6,2% -21,1	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k)	May	5,36		5,61	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM)	May	9,2% 6,1% -21,4		9,0% 6,2% -21,1	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK	May	5,36 s 590	A	P 591	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex	May June May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM		5,36	 A	5,61	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN	May May	\$ \$ 590 -0,5%	A	P 591 1,4%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex	May June May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN CPI (YoY)	May May May	\$ 590 -0,5% 2,5%	A	P 591 1,4% 2,5%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAM CPI (YOY) - ex. Fresh Food	May May	\$ \$ 590 -0,5%	A	P 591 1,4%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food Core CPI (YoY) - ex. Fresh Food	May May May May	\$ 590 -0,5% 2,5%	A	P 591 1,4% 2,5% 2,1%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN CPI (YoY) - ex. Fresh Food Core CPI (YoY) - ex. Fresh Food and Energy	May May May	\$ \$ 590 -0,5% 2,5% 2,1%	A	P 591 1,4% 2,5%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food Core CPI (YoY) - ex. Fresh Food and Energy GERMANY	May May May May	\$ 590 -0,5% 2,1%	A	P 591 1,4% 2,5% 2,5% 0,8%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN CPI (YoY) - ex. Fresh Food core CPI (YoY) - ex. Fresh Food and Energy GRMANY IFO- Business Climate Indicator	May May May May May June	\$ 5,36 \$ 590 -0,5% 2,5% 2,1% 	A	P 591 1,4% 2,5% 2,1% 0,8%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN CPI (Y0Y) Core CPI (Y0Y) - ex. Fresh Food Core CPI (Y0Y) - ex. Fresh Food and Energy GERMANY IFO- Business Climate Indicator IFO- Expectations	May May May May June June	\$ 590 -0,5% 2,1% 92,5 86,9	A	P 591 1,4% 2,5% 2,1% 0,8%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN CPI (YoY) - ex. Fresh Food core CPI (YoY) - ex. Fresh Food and Energy GRMANY IFO- Business Climate Indicator	May May May May May June	\$ 5,36 \$ 590 -0,5% 2,5% 2,1% 	A	P 591 1,4% 2,5% 2,1% 0,8%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN CPI (Y0Y) Core CPI (Y0Y) - ex. Fresh Food Core CPI (Y0Y) - ex. Fresh Food and Energy GERMANY IFO- Business Climate Indicator IFO- Expectations	May May May May June June	\$ 590 -0,5% 2,1% 92,5 86,9	A	P 591 1,4% 2,5% 2,1% 0,8%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN CPI (Y0Y) Core CPI (Y0Y) - ex. Fresh Food Core CPI (Y0Y) - ex. Fresh Food and Energy GERMANY IFO-Business Climate Indicator	May May May May June June	\$ 590 -0,5% 2,1% 92,5 86,9	A	P 591 1,4% 2,5% 2,1% 0,8%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN (CPI (YoY) Core CPI (YoY) - ex. Fresh Food and Energy GERMANY IFO-Expectations	May May May May June June	\$ 590 -0,5% 2,1% 92,5 86,9	A	P 591 1,4% 2,5% 2,1% 0,8%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1
Existing home sales (mn) Friday 24 US New home sales (k) UK Retail sales Ex Auto MoM JAPAN (CPI (YoY) Core CPI (YoY) - ex. Fresh Food and Energy GERMANY IFO-Expectations	May May May May June June	\$ 590 -0,5% 2,1% 92,5 86,9	A	P 591 1,4% 2,5% 2,1% 0,8%	UK CPI (YoY) Core CPI (YoY) EURO AREA Consumer Confidence Indicator Monday 27 US Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	May June May May	9,2% 6,1% -21,4	 	9,0% 6,2% -21,1 P 0,5% 0,4%	US Initial Jobless Claims (k) Continuing Claims (k) S&P Global US Manufacturing PMI UK S&P Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services PMI JAPAN PMI manufacturing EURO AREA S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Manufacturing PMI S&P Global Eurozone Services PMI	June 11 June June June June June June June June	225 1319 56,3 54,0 53,0 53,1 54,0 55,5		229 1312 57,0 54,6 53,4 53,3 54,6 56,1

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



— Equity	y Markets	(in local	currency)									
Developed N	/larkets	Current	1-week	Year-to-Date	1-Year	2-year	Emerging Markets	Current	1-week	Year-to-Date	1-Year	2-year
		Level	change (%)	change (%)	change (%)	change (%)		Level	change (%)	change (%)	change (%)	change (%)
US	S&P 500	3675	-5.8	-22.9	-13.0	18.0	MSCI Emerging Markets	59605	-4.1	-14.9	-21.5	4.0
Japan	NIKKEI 225	25963	-6.7	-9.8	-10.5	15.6	MSCI Asia	916	-4.2	-14.4	-22.4	4.2
UK	FTSE 100	7016	-4.1	-5.0	-1.9	12.2	China	71	-2.8	-14.4	-32.8	-17.9
Canada	S&P/TSX	18930	-6.6	-10.8	-6.0	22.7	Korea	737	-5.9	-19.1	-26.6	10.0
Hong Kong	Hang Seng	21075	-3.4	-9.9	-26.2	-13.9	MSCI Latin America	86380	-4.1	-6.4	-17.8	4.1
Euro area	EuroStoxx	384	-4.6	-19.8	-16.4	7.7	Brazil	284039	-5.5	-7.3	-27.5	-6.4
Germany	DAX 40	13126	-4.6	-17.4	-16.5	6.0	Mexico	45018	-0.5	-9.8	-2.0	28.1
France	CAC 40	5883	-4.9	-17.8	-11.8	17.7	MSCI Europe	2294	-2.5	-66.9	-66.3	-57.1
Italy	FTSE/MIB	21789	-3.4	-20.3	-15.3	11.2	Russia*	2354	3.0	-37.8	-38.4	-14.1
Spain	IBEX-35	8146	-2.9	-6.5	-11.4	8.9	Turkey	2684170	-1.1	29.2	72.5	96.1

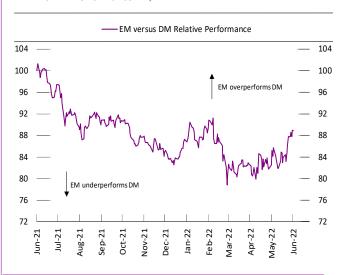
in US Dollar terms	Level change (%) change (%)		Year-to-Date change (%)	1-Year change (%)	2-year change (%)	in local currency	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)
Energy	213.3	-15.3	22.3	25.7	65.6	Energy	223.3	-14.8	26.1	31.7	66.5
Materials	301.4	-8.5	-16.3	-13.6	21.5	Materials	299.4	-7.8	-12.2	-7.5	24.9
Industrials	267.2	-6.2	-23.7	-20.9	10.6	Industrials	277.4	-5.8	-20.0	-15.6	15.9
Consumer Discretionary	295.0	-5.8	-33.2	-27.9	5.1	Consumer Discretionary	294.6	-5.5	-31.1	-24.6	8.7
Consumer Staples	250.4	-3.7	-14.6	-9.6	5.5	Consumer Staples	258.3	-3.5	-11.3	-4.8	8.2
Healthcare	308.4	-4.5	-16.6	-9.0	9.6	Healthcare	311.0	-4.5	-14.4	-5.8	11.8
Financials	119.6	-4.7	-19.9	-16.3	21.9	Financials	123.1	-4.2	-17.2	-12.1	24.1
IT	392.9	-5.4	-31.4	-19.3	13.8	IT	385.5	-5.3	-30.5	-17.8	15.3
Telecoms	75.4	-4.6	-29.4	-30.1	-2.2	Telecoms	80.4	-4.5	-28.0	-28.3	-0.2
Utilities	144.0	-8.0	-12.3	-7.6	3.7	Utilities	151.2	-7.7	-9.7	-3.4	5.8

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	3.24	3.16	1.51	1.51	2.05	US Treasuries 10Y/2Y	1	10	78	127	106
Germany	1.73	1.46	-0.18	-0.23	0.44	US Treasuries 10Y/5Y	-11	-10	25	62	54
Japan	0.24	0.25	0.07	0.06	0.22	Bunds 10Y/2Y	58	53	46	44	85
UK	2.54	2.38	0.97	0.80	1.41	Bunds 10Y/5Y	20	19	28	36	58
Greece	4.03	4.37	1.32	0.79	6.26						
Ireland	2.33	2.16	0.25	0.18	1.60	Corporate Bond Spreads (in	Current	Last wook	Year Start	One Year	10-year
Italy	3.65	3.71	1.17	0.83	2.27	bps)	Current	Last week	Year Start	Back	average
Spain	2.82	2.70	0.57	0.43	1.88	EM Inv. Grade (IG)	175	158	139	145	193
Portugal	2.70	2.77	0.46	0.41	2.75	EM High yield	735	670	618	509	623
						US IG	150	141	98	87	134
US Mortgage Market (1. Fixed-rate Mortgage)	Current	Last week	Year Start	One Year Back	10-year average	US High yield	515	451	310	315	452
30-Year FRM1 (%)	5.65	5.40	3.31	3.11	4.02	Euro area IG	191	166	98	84	119
vs 30Yr Treasury (bps)	232.5	217.1	138.9	99.6	130.5	Euro area High Yield	542	476	331	292	412

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	1.05	-0.7	-0.5	-12.4	-8.0	Agricultural	535	-2.6	-9.4	39.0	20.2
EUR/CHF	1.02	-2.3	-2.3	-7.0	-1.9	Energy	388	-8.2	3.3	66.0	53.9
EUR/GBP	0.86	0.6	1.4	0.3	2.3	West Texas Oil (\$/bbl)	110	-9.2	0.0	54.2	45.7
EUR/JPY	141.48	0.1	4.8	7.5	8.0	Crude brent Oil (\$/bbl)	113	-7.3	3.7	54.8	45.4
EUR/NOK	10.51	3.2	2.5	3.6	4.8	HH Natural Gas (\$/mmbtu)	6.9	-20.9	-18.6	114.3	81.8
EUR/SEK	10.68	1.4	2.0	5.1	3.8	TTF Natural Gas (EUR/mwh)	118	42.8	24.5	315.9	67.4
EUR/AUD	1.51	1.4	1.0	-4.0	-3.2	Industrial Metals	468	-5.7	-6.2	4.8	-6.2
EUR/CAD	1.37	1.5	1.5	-7.1	-4.8	Precious Metals	2389	-1.8	1.0	1.5	-0.1
USD-based cross rates						Gold (\$)	1840	-1.7	1.3	3.7	1.0
USD/CAD	1.31	2.2	2.0	6.1	3.5	Silver (\$)	22	-1.0	1.1	-16.4	-6.5
USD/AUD	1.45	2.1	1.6	9.6	5.3	Baltic Dry Index	2578	11.1	-19.2	-21.1	16.3
USD/JPY	135.30	0.8	5.3	22.7	17.5	Baltic Dirty Tanker Index	1205	7.0	11.3	104.9	53.3







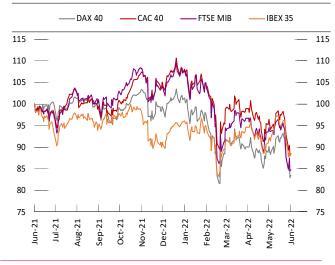
Data as of June 17th – Rebased @ 100

Equity Market Performance - G4



Data as of June 17th - Rebased @ 100

Equity Market Performance - Euro Area G4



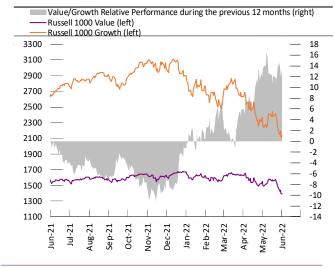
Data as of June 17th – Rebased @ 100

Equity Market Performance – Emerging Markets



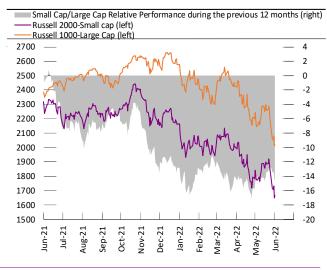
Data as of June 17th – Rebased @ 100

Russell 1000 Value & Growth Index



Data as of June 17th

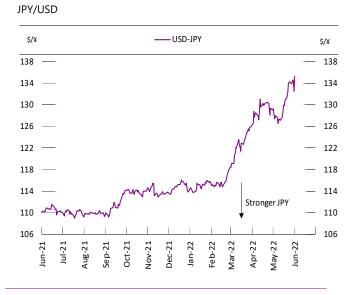
Russell 2000 & Russell 1000 Index



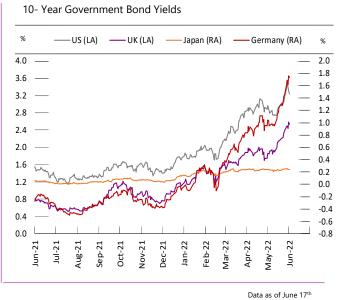
Data as of June 17th

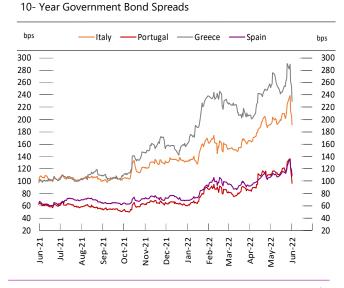






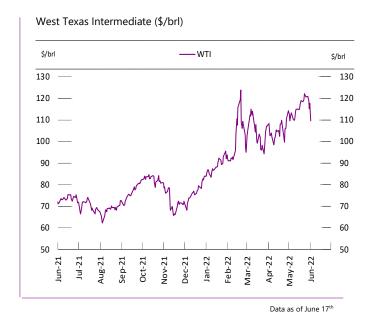


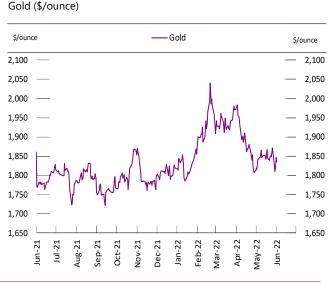




Data as of June 17th LA:Left Axis RA:Right Axis







Data as of June 17th



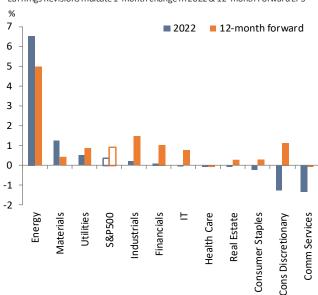
US Sectors Valuation

		Price (\$)		EPS Gro	wth (%)	Dividend	Yield (%)		P/	E Ratio			P/BV R	atio	
	17/6/22	% Weekly Chan	ge %YTD	2022	2023	2022	2023	2022	2023	12m fwd	10Yr Avg	2022	2023	Current	10Yr Avg
S&P500	3675	-5.8	-22.9	10.5	9.6	1.8	1.9	16.1	14.7	15.5	17.2	3.4	3.1	3.3	3.0
Energy	556	-17.2	31.4	118.6	-13.3	3.5	3.4	8.1	9.3	8.7	15.7	2.1	1.9	2.0	1.7
Materials	469	-8.3	-17.7	19.9	-6.0	2.2	2.3	12.1	12.9	12.5	16.1	2.6	2.3	2.5	2.7
Financials															
Diversified Financials	843	-5.7	-23.0	-8.4	11.8	1.9	2.0	13.3	11.9	12.7	14.9	1.6	1.5	1.5	1.6
Banks	312	-4.3	-25.3	-15.5	16.0	3.4	3.7	9.5	8.2		11.5	1.0	0.9	1.0	1.1
Insurance	510	-4.0	-7.3	-0.2	14.8	2.2	2.5	12.8	11.1	12.0	11.7	1.6	1.5	1.5	1.2
Real Estate	243	-5.4	-25.1	11.5	5.8	3.4	3.6	17.5	16.5	17.0	18.8	2.9	3.0	3.0	3.3
Industrials															
Capital Goods	726	-6.8	-18.5	21.5	18.2	2.0	2.2	17.1	14.4	15.9	17.2	3.8	3.5	3.7	4.0
Transportation	894	-2.8	-20.7	127.9	24.6	2.0	2.1	14.9	11.9	N/A	13.9	5.0	4.1	4.6	4.1
Commercial Services	425	-5.9	-21.8	10.3	10.8	1.4	1.5	22.8	20.6	21.8	21.6	5.1	4.6	4.9	4.0
Consumer Discretionary															
Retailing	2820	-4.3	-33.3	-26.0	41.2	0.9	0.9	30.6	21.7	26.5	27.2	9.2	7.5	8.4	9.1
Consumer Services	1110	-6.0	-26.5	3115.6	101.5	1.4	1.5	35.8	17.8	N/A	28.9	22.3	15.6	19.2	10.5
Consumer Durables	341	-7.8	-36.0	19.5	6.6	1.9	2.0	10.1	9.5	9.8	17.4	2.6	2.3	2.5	3.4
Automobiles and parts	120	-7.5	-39.8	26.6	18.7	0.2	0.2	24.8	20.9	N/A	15.4	4.5	3.8	4.2	2.7
IT															
Technology	2502	-4.1	-26.7	9.1	7.2	1.0	1.1	18.7	17.4	18.1	15.4	12.7	11.0	12.0	6.6
Software & Services	2836	-4.0	-27.2	13.9	15.2	1.0	1.1	23.5	20.4	22.1	21.4	7.3	6.2	6.8	6.2
Semiconductors	1696	-8.2	-35.5	13.9	10.3	1.6	1.8	14.2	12.9	13.6	15.5	4.1	3.6	3.9	3.8
Communication Services	183	-4.6	-31.4	-2.3	16.4	0.9	1.0	15.6	13.4	14.6	19.1	2.7	2.5	2.6	3.2
Media	701	-4.6	-35.3	0.3	18.5	0.3	0.4	17.0	14.3	15.8	22.5	3.3	2.9	3.2	3.7
Consumer Staples															
Food & Staples Retailing	578	-3.9	-17.6	6.4	8.1	1.7	1.8	19.3	17.9	18.7	18.3	4.2	3.8	4.0	3.6
Food Beverage & Tobacco	788	-3.9	-3.4	3.0	6.5	3.3	3.5	18.5	17.3	17.9	18.4	5.1	5.1	5.1	5.2
Household Goods	775	-5.9	-20.7	1.7	9.2	2.6	2.7	23.1	21.2	22.2	21.4	9.5	9.2	9.3	6.7
Health Care															
Pharmaceuticals	1143	-3.2	-12.0	6.3	-5.1	2.1	2.2	13.4	14.1	13.7	15.3	4.8	4.2	4.5	4.3
Healthcare Equipment	1613	-6.3	-19.4	3.1	9.9	1.3	1.4	17.3	15.7	16.6	16.8	3.3	3.0	3.2	3.0
Utilities	327	-9.2	-10.0	2.1	7.6	3.3	3.5	18.7	17.3	18.1	17.2	2.0	1.9	1.9	1.8

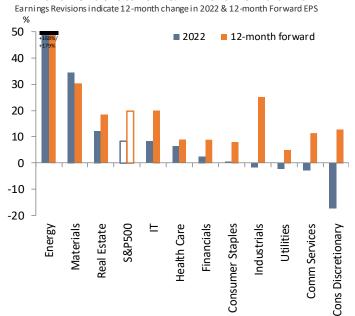
Blue box indicates a value more than +2standard devation from average, light blue a value more than +1standard devation from average. Orange box indicates a value less than -2standard devation from average, light orange a value less than -1standard devation from average.

1-month revisions to 2022 & 12-month Forward EPS

Earnings Revisions indicate 1-month change in 2022 & 12-month Forward EPS



12-month revisions to 2022 & 12-month Forward EPS



Data as of June 17 $^{\rm th}$ 12-month forward EPS are 54% of 2022 EPS and 46% of 2023 EPS

Data as of June 17th

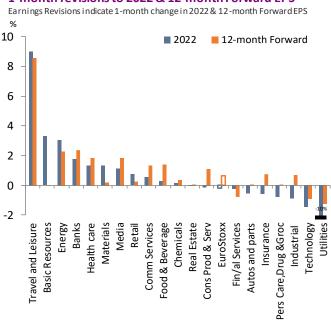


Euro Area Sectors Valuation

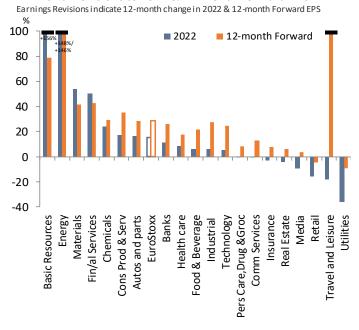
		Price (€)		EPS Gro	wth (%)	Dividend	Yield (%)		P/	E Ratio			P/E	BV Ratio	
	17/6/22	% Weekly Chang	e %YTD	2022	2023	2022	2023	2022	2023	12m fwd	10Yr Avg	2022	2023	Current	10Yr Avg
EuroStoxx	384	-4.6	-19.8	10.6	9.4	3.4	3.8	12.3	11.3	11.9	14.6	1.5	1.4	1.4	1.5
Energy	306	-8.7	6.2	92.8	-16.9	5.0	5.3	5.5	6.6	6.0	13.1	1.1	1.0	1.1	1.2
Materials	886	-7.2	-15.1	7.8	-12.5	2.9	3.1	10.5	11.9		15.7	1.6	1.5	1.5	1.7
Basic Resources	219	-7.6	-11.8	7.8	-37.4	3.2	3.5	3.7	5.9	4.7	10.0	0.6	0.6	0.6	0.8
Chemicals	1283	-7.1	-15.5	8.7	3.3	2.9	3.0	14.7	14.3	14.5	16.7	2.0	1.9	2.0	2.3
Financials															
Banks	83	-0.6	-17.1	-2.6	11.2	6.6	7.5	7.2	6.5		9.9	0.5	0.5	0.5	0.7
Insurance	269	-0.6	-12.1	-1.2	15.6	6.2	6.6	9.0	7.8		9.7	0.9	0.8	0.8	0.9
Financial Services	474	-3.0	-18.2	25.8	-9.3	3.3	3.4	10.3	11.4		14.6	1.2	1.2	1.2	1.2
Real Estate	163	-5.4	-27.0	6.8	6.1	5.4	6.2	12.6	11.8		17.1	0.6	0.6	0.6	1.0
Industrials															
Industrial Goods & Services	878	-5.1	-25.0	18.6	16.6	2.6	3.0	15.9	13.7	14.9	17.3	2.3	2.1	2.2	2.6
Construction & Materials	449	-5.4	-17.3	-8.2	11.1	3.9	4.3	11.8	10.6		14.8	1.5	1.4	1.5	1.5
Consumer Discretionary															
Retail	435	-8.2	-37.1	-2.7	8.6	4.7	5.3	17.9	16.5		26.2	3.6	3.4	3.5	5.7
Automobiles and parts	503	-5.5	-20.2	0.0	5.6	6.3	6.2	5.4	5.1	5.3	8.6	0.7	0.7		1.0
Travel and Leisure	152	-4.6	-21.5	N/A	67.1	1.2	2.1	22.3	13.4	N/A	N/A	1.9	1.8	1.8	2.2
Consumer Products & Services	370	-4.8	-29.8	9.5	14.4	1.9	2.1	23.6	20.7	22.3	24.5	4.9	4.4	4.7	4.1
Media	229	-4.5	-19.7	12.4	15.4	2.7	3.0	18.1	15.7	17.0	17.5	2.4	2.3	2.4	2.2
Technology	653	-6.4	-33.6	8.0	19.0	1.2	1.4	20.0	16.8	18.5	21.3	3.0	2.7	2.9	3.6
Consumer Staples															
Food, Beverage & Tobacco	162	-2.9	-15.3	14.3	13.0	1.9	2.3	18.3	16.2		20.0	2.0	1.9	1.9	2.6
Personal Care, Drug & Grocery	164	-3.7	-18.2	1.7	9.5	2.7	2.9	15.1	13.7		17.6	2.1	1.9	2.0	2.4
Health care	806	-3.8	-13.6	11.1	8.0	2.4	2.6	15.5	14.3		16.7	2.0	1.8		2.3
Communication Services	286	-1.3	-0.8	18.3	13.5	3.9	4.2	15.6	13.7	14.7	14.5	1.5	1.5	1.5	1.7
Utilities	339	-4.7	-13.9	-41.1	79.0	4.6	5.3	21.2	11.9		13.8	1.5	1.4	1.5	1.2

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 2022 & 12-month Forward EPS



12-month revisions to 2022 & 12-month Forward EPS



Data as of June 17th 12-month forward EPS are 54% of 2022 EPS and 46% of 2023 EPS

Data as of June 17th

12-month forward EPS are 54% of 2022 EPS and 46% of 2023 EPS

National Bank of Greece | Economic Research Division | Global Markets Analysis



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 Δ) 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.