

Global Markets Roundup

Economic Analysis Division | July 29, 2024



Central bank policy decisions are top of mind amid increasing market volatility

- Global equity markets were mixed in the past week (MSCI ACWI: -0.9% wow). The setback for US Technology stocks continued (S&P500 IT: -2.4% wow | -9% since its peak on June 10th).
- Alphabet was down by -6.0% wow. Its report for Q2:24, prompted some nervousness, despite somewhat above-consensus headline results, with some investors growing weary of how profound the positive effect of massive investments on AI will eventually prove on the return-on-equity. With Q2:24 reports from Apple, Microsoft, Amazon and Meta being due in the current week, further volatility could be on the cards.
- Government bond yields were little changed (UST 10Y: -4 bps to 4.20%), ahead of the trifecta of monetary policy decisions. First, the Fed is expected to likely stand pat on July 31st, with the FFR at a range of 5.25% - 5.5%. Attention will turn to the statement and press conference for potential hints on the intended future course of action, particularly regarding the September 18th meeting.
- US real GDP growth accelerated to +2.8% qoq (annualized rate) in Q2:24 following a subdued outcome of +1.4% in Q1:24. Stronger growth has not led to accelerating inflation, with core PCE down to +2.9% qoq (annualized rate) in Q2:24 (June year-over-year: +2.6%), from +3.7% in Q1:24 (March year-over-year: +2.8%). With the economy defying recession concerns and inflation normalizing further, the Fed is expected to proceed with measured interest rate cuts in Autumn.
- Euro area growth momentum appears to weaken according to PMIs (down by 0.8 pts to 50.1 in July a five month low). The softer outcome was driven by manufacturing, particularly in Germany. The composite PMI is consistent with flat qoq real GDP growth in Q3, after an expected +0.2% qoq in Q2:24 and an actual outcome of +0.3% qoq in Q1:24.
- That development corroborates the view for another rate cut by the ECB on September 12th following the one back in June. Financial markets, according to overnight index swaps, almost fully price-in -50 bps of cuts cumulatively by end-2024. Attention now turns to July's CPI inflation, due on July 31st, with a slight deceleration of -0.1 pp being anticipated for the annual growth of both the headline and the core, to +2.4% & +2.8%, respectively.
- At the same time, whether the Bank of England will lower, on August 1st, its Bank Rate following twelve months of holding it steady at a post-GFC high of 5.25%, is a close call.
- Finally, the Bank of Japan's meeting on July 31st also gathers attention, with the prospect of an interest rate hike being open (current range of 0% to +0.1%). In addition, the BoJ has cited that a specific plan to reduce its purchases of Japanese Government Bonds (JGB) is to be announced at the upcoming meeting. Note that BoJ holds ¥579 trillion worth of JGBs (97% of GDP, see graph below).
- That amount has been roughly stable since early-2023, implying that the BoJ reinvests the proceeds from maturing securities. A drawdown in purchases would probably lead to a gradual reduction in the outstanding amount of JGB holdings. JGB yields have risen by +45 bps ytd at both the 10-year & 20-year tenors to 1.06% and 1.82%, respectively, while the Yen has appreciated by +5% against the US Dollar since July 10th to \$/¥153.5.

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

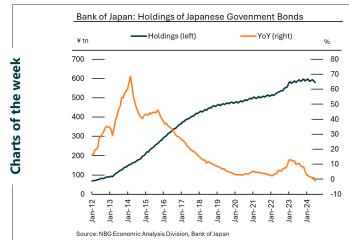
Panagiotis Bakalis 210-3341545 mpakalis.pan@nbg.gr

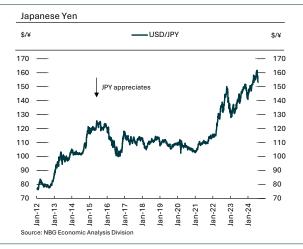
Vasiliki Karagianni 210-3341548 karagianni.vasiliki@nbg.gr

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





US real GDP growth was strong in Q2:2024, overshooting expectations

- Real GDP rose by +2.8% qoq saar in Q2:2024 (+3.1% yoy), after a +1.4% qoq saar (+2.9% yoy) in the previous quarter, versus consensus estimates for +2.0% qoq saar. The growth of final sales to private domestic purchasers, which excludes inventory investment, government spending and net exports and usually sends a clearer signal on underlying demand, was stable at a robust +2.6% qoq saar in Q2:2024, compared with +3.15% qoq saar on average in H2:2023.
- Regarding the composition of GDP growth per expenditure component, personal consumption was up by a resilient +2.3% qoq saar (+2.5% yoy), being the major driver of overall headline growth (+1.6 pps) given also that it comprises c. 70% of GDP. The latest performance represents an acceleration from +1.5% gog saar (+2.2% yoy) in Q1:2024, albeit still below a particularly sharp performance of +3.2% gog saar on average in H2:2023. Business investment increased strongly by +5.2% qoq saar in Q2:2024 (+0.7 pps to overall GDP growth | +4.4% gog saar in the previous quarter), with the annual pace of growth at +3.7%. Investment in equipment led the growth in overall business spending, up sharply by +11.6% qoq saar (+1.8% yoy). Investment in intellectual property products increased by +4.5% qoq saar (+4.6% yoy), whereas the respective spending on structures was down by -3.3% gog saar (+5.3% yoy). At the same time, government consumption expenditures & gross investment were up by +3.1% qoq saar (+0.5 pps | +3.8% yoy), after posting a +1.8% qoq saar in Q1:2024, while inventories also added to headline growth (+0.8 pps after subtracting -0.4 pps in Q1:2024). In a contrarian note, residential investment declined by -1.4% qoq saar (+5.8% yoy) after a sharp +16.0% qoq saar (+5.6% yoy) in Q1:2024, subtracting -0.1 pp from overall GDP growth. Finally, net exports posed the major drag to headline GDP growth in Q2:2024 (-0.7 pps), as imports increased substantially by +6.9% qoq saar (+4.9% yoy), . strongly outpacing exports (+2.0% gog saar | +3.5% yoy).

The upward momentum for US house prices continues

- The nominal median existing home sales price was up for a 5th consecutive month in June, by +2.3% mom (+4.1% yoy) from +2.6% mom (+5.2% yoy) in May, standing at +60% compared with a trough in January 2020 (+38.5% in real terms).
- The financial capacity of households to finance house purchases is stretched by still elevated mortgage rates due to tight monetary policy. Indicatively, according to data from Freddie Mac, the 30-year fixed mortgage rate hovers modest at 6.8%. Although some easing has taken place versus a peak of 7.79% in late-October 2023, the latest reading is still far above an average of 4.3% since 2010 (and 3.45% in January 2022). In that context, mortgage applications remain depressed according to the Mortgage Bankers Association, at -66% compared with late-January 2022 for the week ending July 19th. Recall also that high construction costs suggest that new homes will enter the market at an elevated price point. In the event, prices paid for goods used in residential construction increased by +2.0% yoy in June, standing higher by +38.5% versus January 2020.
- In that context, home sales have slowed down recently. In the event, existing home sales fell for a 4th consecutive month in June, by -5.4% (-0.7% mom in May). The annual growth also stood at -5.4% in June. Notably, the recent drawback appears increasingly driven by weak demand, rather than by supply issues, namely the low availability of existing houses for sale. In the event, the respective inventories stood at 1.32mn in June. Such a reading remains well below an average of 2.22mn since 1990, as elevated mortgage

interest rates limit the incentive of (home-owning) households to refinance home purchases (having locked in, mortgage interest rates well below the current ones). Nevertheless, existing homes for sale have partly recovered recently, increasing for a 6th consecutive month in June versus a trough of 0.99mn in December 2023. Note also that the aforementioned demand challenges combined with elevated interest rates for construction & development loans, dampen homebuilders' confidence for new home sales. Indeed, the respective index derived from the National Association of Home Builders (NAHB) survey, fell for a 3rd consecutive month in July, to 42 from 43 in June (and a peak of 51 in April), remaining below the threshold of 50, above/below which a positive/negative stance is indicated.

Euro area PMIs undershot expectations anew in July, pointing to business activity treading water entering Q3

The composite PMI disappointed for a 2nd consecutive month in July, falling by -0.8 pts to a 5-month low of 50.1, versus consensus estimates for 51.1 and roughly matching the expansion/contraction threshold of 50.0. The manufacturing sector continued to pose a drag to overall activity in July, with the PMI decreasing by -0.2 pts to 45.6 (output: -0.8 pts to 45.3), versus expectations for 46.1. Its peer in the services sectors decreased by -0.9 pts to 51.9 (consensus: 53.0), albeit remaining in expansionary territory for a 6th consecutive month. It should also be noted that the relatively more forward-looking new orders component underperformed at the composite level. Regarding PMI performance by country, Germany (composite PMI: 48.7) underperformed France (49.5) and (more so) the rest of the euro area.

Euro area bank lending growth posted some early signs of improvement, particularly regarding corporate loans

- The annual pace of growth of overall private sector borrowing from commercial banks, came out at +1.1% in June, compared with +0.8% in May and an average of +0.7% in the past 11 months.
- Regarding the two major private sector components, they performed as follows. Loan growth to households (adjusted for sales and securitizations) was roughly stable at +0.3% yoy, with the take-up of new loans posting a modest rise. In the event, the net monthly flow (in terms of 12-month sum) was +€23.7 bn in June 2024, versus +€20.1 bn in May (+€115.2 bn in June 2023). At the same time, the annual growth of loans to non-financial corporations (NFCs) accelerated by +0.4 pps to +0.7% in June (trough of -0.3% yoy in October 2023, the weakest since June 2015). The net monthly flow (12-month sum) increased to +€34.6 bn in June 2024 versus +€15.0 bn in May 2024 (+€154.8 bn in June 2023).
- The developments for loan demand are closely linked to respective trends for interest rates. In the event, in May 2024 the composite cost of borrowing indicator for new loans to households for house purchases (calculated as a weighted average of interest rates on both short-term and long-term loans) was unchanged at 3.80% and the respective indicator for loans to non-financial corporations was 5.10% from 5.18% in May. Both readings stand well above troughs of 1.31% & 1.36%, respectively, in December 2021 (increase of 249 bps & 374 bps, respectively, compared with ECB cumulative interest rate tightening of +450 bps in the same period). Nevertheless, the latest outcomes are slightly below peaks of 4.02% in November 2023 and 5.27% in October 2023, respectively and with some further easing appearing on the cards (June data are due on July 31st) given also the recent cut (by -25 bps on June 6th) in ECB's policy interest rates.

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



Equities

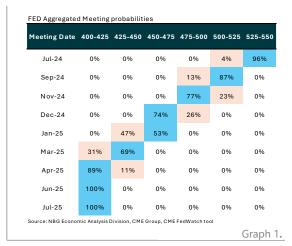
- · Global equity markets recorded mixed returns for a second consecutive week, with small caps and value shares continuing to outpace large and growth stocks that have led the market higher since the beginning of the year. More specifically, the S&P500 fell by -0.8% wow (+15% ytd), while S&P600 (small caps) rose by +3.5% wow (+8% ytd). Meanwhile growth stocks declined by -2.3% wow (+23% ytd) and value stocks rose by +1.1% (+9% ytd). Note that in the past week the S&P500 – which reached 38 all-time records this year – declined by more than 2% for the first time since December 2022. The micro seemed to take precedence over the macro data for much of the week, as investors absorbed TESLA's and Alphabet's earnings results. More specifically, Alphabet retreated (-5% after the results) despite posting EPS above estimates (\$1.89 vs expectations for \$1.84). The company's CEO signaled that investors will have to be patient to see concrete results from artificial-intelligence investments. Tesla declined (-12.3% after the results) after EPS fell short of estimates (\$0.52 vs expectations for \$0.60) and the announcement that the Robotaxi event will be delayed to October. Investors' attention will turn this week to Apple, Microsoft, Amazon and Meta earnings announcements. Overall, regarding the earnings season, out of the 208 companies that have reported results so far, c. 79% have exceeded analyst estimates, slightly above the 10-year average of 74%. Overall, the blended earnings growth rate that combines actual results for companies that have reported and estimated results for companies that have yet to report for the second quarter at +9.8% yoy from +5.9% yoy in the previous quarter.
- On the other side of the Atlantic, Eurostoxx was broadly stable on a weekly basis (+6% ytd), with the DAX40 overperforming (+1.4% wow, +9% ytd). In China, CSI 300 fell by 3.7% wow (-1% ytd) after the unexpected rate cuts by the central bank the OMO rate was cut by 10 bps to 1.7% on July 22, followed by a 10 bps cut for both 1-and 5-year LPR, and a 20 bps cut of 1-year MLF rate with RMB200bn liquidity injection on July 25-failed to instill confidence in the economic outlook.

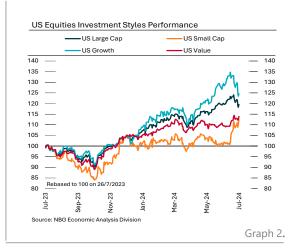
Fixed Income

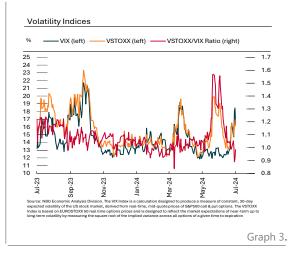
• US Treasury bond yields declined by -4 bps in the past week to 4.20%, with the bulk of the decrease occurring on Friday, following a soft PCE inflation report, that appears to cement expectations for a FED rate cut at the September meeting. Futures markets now price-in a 100% chance of a 25-bps cut in the US Federal Funds Rate in the September meeting to a range of 5.0% - 5.25% (-65 bps by the end of the year). In Germany, the 10-year Bund yield was down by -6 bps on a weekly basis to 2.40%, following some weaker-than-expected PMI data, while periphery bond spreads widened in Italy (+8 bps wow to 140 bps) and in Greece (+6 bps wow to 106 bps). Corporate bond spreads in the high yield spectrum were mixed in the past week (USD: +1 bps to 310 bps | EUR: +8 bps to 347 bps). In the investment grade spectrum, both EUR and USD spreads were broadly stable to 109 bps and 95 bps, respectively.

FX and Commodities

• The Japanese yen rose by +2.4% against the US dollar to \$/¥153.5 in the past week as traders priced in a more than two-thirds chance of a 10 bps hike on July 31st meeting (current rate: +0.10%). Against the EUR Japanese yen appreciated by +2.7% to €/¥166.7. Meanwhile, USD was broadly stable in the past week against the euro to €/\$1.086. In commodities, oil prices recorded losses on a weekly basis (Brent: -1.8% wow to \$81.1 | WTI: -3.5% wow to \$78.6/barrel) posting a third weekly decline as worries about demand in China outweigh strong economic growth in the US. Markets attention will turn to OPEC+ meeting (August 1st) this week, with analysts divided over whether the group will proceed with plans to boost supplies next quarter. Gold prices declined by -0.6% wow to \$2387/ounce (+16% ytd). Looking forward, gold can act as an inflation hedge from geopolitical shocks including tariffs, Fed subordination risk, and debt fears.







Quote of the week: "We will have more information in September, and especially new macroeconomic projections, so we will be able to better reassess the monetary policy stance. Data-wise, September is a much more convenient month for taking decisions than July was.", Vice-President of the European Central Bank, Luis de Guindos, July 23rd 2024



10-Yr Gov. Bond Yield (%)	July 26th	3-month	6-month	12-month	Official Rate (%)	July 26th	3-month	6-month	12-month
Germany	2,40	2,30	2,25	2,20	Euro area	3,75	3,50	3,25	2,75
US	4,20	4,20	4,15	4,10	US	5,50	5,25	5,00	4,75
UK	4,10	4,00	3,90	3,70	UK	5,25	5,00	4,75	4,25
Japan	1,06	0,90	1,00	1,25	Japan	0,10	0,10	0,20	0,30
Currency	July 26th	3-month	6-month	12-month		July 26th	3-month	6-month	12-month
EUR/USD	1,09	1,08	1,09	1,10	USD/JPY	154	154	153	148
EUR/GBP	0,84	0,84	0,84	0,85	GBP/USD	1,30	1,28	1,30	1,30
EUR/JPY	167	166	166	163					

United States	Q1:22a	Q2:22a	Q3:22a	Q4:22a	2022a	Q1:23a	Q2:23a	Q3:23a	Q4:23a	2023a	2024f
Real GDP Growth (YoY) (1)	3,6	1,9	1,7	0,7	1,9	1,7	2,4	2,9	3,1	2,5	2,1
Real GDP Growth (QoQ saar) (2)	-2,0	-0,6	2,7	2,6	-	2,2	2,1	4,9	3,4	-	-
Private Consumption	0,0	2,0	1,6	1,2	2,5	3,8	0,8	3,1	3,3	2,2	1,9
Government Consumption	-2,9	-1,9	2,9	5,3	-0,9	4,8	3,3	5,8	4,6	4,1	2,4
Investment	7,2	-0,2	-4,3	-5,4	1,3	3,1	5,2	2,6	3,5	0,6	3,5
Residential	-1,8	-14,1	-26,4	-24,9	-9,0	-5,3	-2,2	6,7	2,8	-10,6	2,3
Non-residential	10,7	5,3	4,7	1,7	5,2	5,7	7,4	1,4	3,7	4,5	2,8
Inventories Contribution	-0,2	-1,9	-0,4	1,5	0,5	-2,2	-0,2	1,1	-0,4	-0,4	0,0
Net Exports Contribution	-2,6	0,5	2,5	0,3	-0,5	0,6	0,1	0,0	0,2	0,6	-0,1
Exports	-4,6	10,6	16,2	-3,5	7,0	6,8	-9,3	5,4	5,1	2,6	2,1
Imports	14,7	4,1	-4,8	-4,3	8,6	1,3	-7,6	4,2	2,2	-1,7	2,4
Inflation (3)	8,0	8,7	8,3	7,1	8,0	5,8	4,0	3,5	3,2	4,1	3,3
Euro Area	Q1:22a	Q2:22a	Q3:22a	Q4:22a	2022a	Q1:23a	Q2:23a	Q3:23a	Q4:23a	2023a	2024f
Real GDP Growth (YoY)	5,6	4,1	2,5	1,9	3,5	1,3	0,5	0,1	0,2	0,4	0,7
Real GDP Growth (QoQ saar)	2,4	3,6	1,8	-0,3	-	0,0	0,5	0,2	0,0	-	-
Private Consumption	0,4	3,9	5,1	-3,3	4,4	0,6	0,7	1,2	0,7	0,7	1,1
Government Consumption	1,7	-0,4	-0,7	2,5	1,6	-0,4	1,1	3,1	2,5	1,0	0,9
Investment	-1,5	0,0	4,5	-0,6	2,2	2,2	0,0	0,4	2,9	1,2	0,7
Inventories Contribution	0,6	0,3	0,0	-0,9	0,4	-2,0	1,5	-1,7	-1,1	-0,6	0,0
Net Exports Contribution	1,5	1,3	-1,6	2,0	0,0	1,3	-1,6	0,5	-0,4	0,3	-0,2
Exports	4,4	9,5	5,3	0,5	7,5	-1,7	-3,9	-4,9	1,5	-0,4	1,4
Imports	1,5	7,5	9,4	-3,4	8,2	-4,5	-1,0	-6,3	2,5	-1,1	1,9
Inflation	6,1	8.0	9,3	10.0	8.4	8.0	6,2	4,9	2.7	5,5	2,3

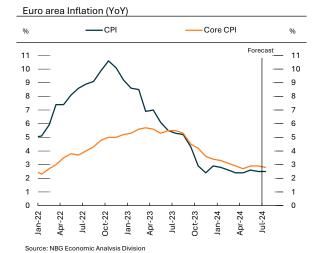




Economic Calendar

In the **US**, the two main events of the week are the FOMC rate announcement on Wednesday and the July jobs report on Friday. FED is expected to keep rates unchanged (5.25%-5.5%), with OIS markets pricing the first cut by 25 bps on September meeting. Meanwhile, unemployment rate is expected to remain stable to 4.1%, and non-farm payrolls to increase by +178k from +206k in June.

In the **euro area**, the first estimate of second quarter GDP growth will be released (estimates for +0.2% qoq from +0.3% qoq in the previous quarter). July inflation report is released on Wednesday. CPI is expected to remain stable at 2.5% yoy, while the core figure is expected at 2.8% from 2.9% yoy in June.



Economic News Calendar for the period: July 22 - August 2, 2024

Monday 22					Tuesday 23					Wednesday 24				
		S	Α	P	us		S	Α	P	us		S	Α	P
					Existing home sales (mn)	June	3.99	3.89	4.11	Trade balance (\$bn)	June	-98.0	+ -96.8	-99.4
					EURO AREA Consumer Confidence Indicator	la de c	40.5	40.0	440	S&P Global US Manufacturing PMI	July	51.7	- 49.5	51.6
					Consumer Confidence Indicator	July	-13.5	-13.0	-14.0	New home sales (k)	June	640	- 617	621
										EURO AREA S&P Global Eurozone	July	46.1	- 45.6	45.8
										Manufacturing PMI S&P Global Eurozone Services				
										PMI S&P Global Eurozone Composite	July	53.0	- 51.9	52.8
										PMI UK	July	51.1	- 50.1	50.9
										S&P Global UK Manufacturing PMI	July	51.1	+ 51.8	50.9
										S&P Global UK Services PMI JAPAN	July	52.5	- 52.4	52.1
										Jibun Bank Japan PMI Manufacturing	July		49.2	50.0
Thursday 25					Friday 26					Handiacturing				
us		S	Α	Р	us		S	Α	Р					
Initial Jobless Claims (k)	July 20	238 +		243	PCE Price Index YoY	June	2.5%	2.5%	2.6%					
Continuing Claims (k)	July 13	1861 +		1867	Core PCE Price Index YoY	June	2.5%	2.6%	2.6%					
GDP (QoQ, annualized)	Q2:2024	2.0% +	2.8%	1.4%	1									
Personal consumption (QoQ,	Q2:2024	1.8% +	2.3%	1.5%										
annualized)														
EURO AREA	le	1 00/	2 20/	1 00/										
M3 money supply (YoY) GERMANY	June	1.8%	2.2%	1.6%										
IFO- Business Climate Indicator	July	88.9 -	87.0	88.6										
IFO- Current Assesment	July	88.5		88.3	1									
IFO-Expectations	July	89.0 -		88.8										
Monday 29					Tuesday 30					Wednesday 31				
Monday 29		S	A	P	Tuesday 30 US		S	A	P	Wednesday 31 US		S	A	P
Monday 29		S	A	P	US S&P Case/Shiller house price	Mav				US Fed announces its intervention	July 31			
Monday 29		s	А	P	US S&P Case/Shiller house price index 20 (YoY)	May	6.6%		7.2%	US Fed announces its intervention rate	July 31	5.50%		5.50%
Monday 29		S	A	P	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index	May July				US Fed announces its intervention rate Pending home sales (MoM)	June	5.50% 1.0%		5.50%
Monday 29		S	A	P	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA	July	6.6% 99.5		7.2% 100.4	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k)		5.50%		5.50%
Monday 29		S	A	P	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ)	July Q2:24	6.6% 99.5 0.2%		7.2% 100.4 0.3%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA	June July	5.50% 1.0% 149		5.50% -2.1% 150
Monday 29		S	A	P	US S&P Case/Shitter house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoV)	July	6.6% 99.5		7.2% 100.4	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY)	June July July	5.50% 1.0%		5.50%
Monday 29		S	A	P	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ)	July Q2:24	6.6% 99.5 0.2%		7.2% 100.4 0.3%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA	June July	5.50% 1.0% 149 2.5%		5.50% -2.1% 150 2.5%
Monday 29		S	Α	P	US S&P Case/Shiller house price Index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY	July Q2:24 Q2:24	6.6% 99.5 0.2% 0.5%		7.2% 100.4 0.3% 0.5%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY)	June July July	5.50% 1.0% 149 2.5%		5.50% -2.1% 150 2.5%
Monday 29		S	A	P	US S&P Case/Shitter house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ)	July Q2:24 Q2:24 Q2:24	6.6% 99.5 0.2% 0.5%		7.2% 100.4 0.3% 0.5%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY)	June July July July June June	5.50% 1.0% 149 2.5% 2.8% 3.0%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8%
Monday 29		S	A	P	US S&P Case/Shitter house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ)	July Q2:24 Q2:24 Q2:24	6.6% 99.5 0.2% 0.5%		7.2% 100.4 0.3% 0.5%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM)	June July July July June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6%
Monday 29		S	A	P	US S&P Case/Shitter house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ)	July Q2:24 Q2:24 Q2:24	6.6% 99.5 0.2% 0.5%		7.2% 100.4 0.3% 0.5%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) JAPAN Retail sales (MoM) Retail sales (MoM) Industrial Production (MoM) Industrial Production (YoY)	June July July July June June	5.50% 1.0% 149 2.5% 2.8% 3.0%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8%
Monday 29		S	A	P	US S&P Case/Shitter house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ)	July Q2:24 Q2:24 Q2:24	6.6% 99.5 0.2% 0.5%		7.2% 100.4 0.3% 0.5%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate	June July July July June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1%
Monday 29		S	A	P	US S&P Case/Shitter house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ)	July Q2:24 Q2:24 Q2:24	6.6% 99.5 0.2% 0.5%		7.2% 100.4 0.3% 0.5%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its	June July July June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6%
		S	A	P	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ) GDP (Wda, YoY)	July Q2:24 Q2:24 Q2:24	6.6% 99.5 0.2% 0.5%		7.2% 100.4 0.3% 0.5%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1					US S&P Case/Shitler house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ) GDP (YoY) Friday 2	July Q2:24 Q2:24 Q2:24	6.6% 99.5 0.2% 0.5% 0.1% 0.0%		7.2% 100.4 0.3% 0.5% 0.2% -0.2%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US	lule 47	s	A	P	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDF (YoY) GERMANY GDP (QoQ) GDP (Wda, YoY) Friday 2 US	July Q2:24 Q2:24 Q2:24 Q2:24	6.6% 99.5 0.2% 0.5% 0.1% 0.0%	 	7.2% 100.4 0.3% 0.5% 0.2% -0.2%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US (Initial Lobless Claims (k)	July 27 July 20	\$ 235	A	P 235	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k)	July Q2:24 Q2:24 Q2:24 Q2:24	6.6% 99.5 0.2% 0.5% 0.1% 0.0%	 	7.2% 100.4 0.3% 0.5% 0.2% -0.2%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US Initial Jobless Claims (k) Continuing Claims (k)	July 27 July 20 June	s	A	P 235 1851	US S&P Case/Shitter house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrotts (k) Change in Private Payrotts (k)	July Q2:24 Q2:24 Q2:24 Q2:24 Q2:24 July July	6.6% 99.5 0.2% 0.5% 0.1% 0.0%	 	7.2% 100.4 0.3% 0.5% 0.2% -0.2%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US (Initial Lobless Claims (k)	July 20	\$ 235 1859	A	P 235	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k)	July Q2:24 Q2:24 Q2:24 Q2:24	6.6% 99.5 0.2% 0.5% 0.1% 0.0%	 	7.2% 100.4 0.3% 0.5% 0.2% -0.2%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US Initial Jobless Claims (k) Continuing Claims (k) Construction spending ISM Manufacturing PMI EURO AREA	July 20 June July	\$ 235 1859 0.2% 48.8	A	P 235 1851 -0.1% 48.5	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY	July Q2:24 Q2:24 Q2:24 Q2:24 Q2:24 July July July July July	6.6% 99.5 0.2% 0.5% 0.1% 0.0% s 175 150 4.1% 0.3%		7.2% 100.4 0.3% 0.5% 0.2% -0.2% P 206 136 4.1% 0.3% 4.1%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US Initial Jobless Claims (k) Construction spending ISM Manufacturing PMI EURO AREA Unemployment Rate	July 20 June	\$ 235 1859 0,2%	A	P 235 1851 -0.1%	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs)	July Q2:24 Q2:24 Q2:24 Q2:24 July July July July July July July July	6.6% 99.5 0.2% 0.5% 0.1% 0.0%	 	7.2% 100.4 0.3% 0.5% 0.2% -0.2% P 206 136 4.1% 0.3% 4.11% 34.3	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US Initial Jobless Claims (k) Construction spending ISM Manufacturing PMI EURO AREA Unemployment Rate UK	July 20 June July	\$ 235 1859 0.2% 48.8	A	P 235 1851 -0.1% 48.5	US S&P Case/Shitler house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings MoM Average weekly hours (hrs) Underemployment rate	July Q2:24 Q2:24 Q2:24 Q2:24 July July July July July July July July	s 175 150 3,7% 3,7% 3,43 	A	7.2% 100.4 0.3% 0.5% -0.2% -0.2% -0.2%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US Initial Jobless Claims (k) Continuing Claims (k) Construction spending ISM Manufacturing PMI EURO AREA Unemployment Rate UK BOE announces its intervention	July 20 June July	\$ 235 1859 0.2% 48.8	A	P 235 1851 -0.1% 48.5	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDF (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Undermployment rate Labor Force Participation Rate	July Q2:24 Q2:24 Q2:24 Q2:24 July July July July July July July July	6.6% 99.5 0.2% 0.5% 0.1% 0.0% \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	A	7.2% 100.4 0.5% 0.2% -0.2% -0.2% P 206 136 4.1% 0.3% 4.1% 34.3 7.4% 62.6%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US Initial Jobiess Claims (k) Construction spending ISM Maunfacturing PMI EURO AREA Unemployment Rate UK BOE announces its intervention rate	July 20 June July June	\$ 235 1859 0.29 48.8 6.4%	A	P 235 1851 -0.1% 48.5	US S&P Case/Shitler house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings MoM Average weekly hours (hrs) Underemployment rate	July Q2:24 Q2:24 Q2:24 Q2:24 July July July July July July July July	s 175 150 3,7% 3,7% 3,43 	A	7.2% 100.4 0.3% 0.5% -0.2% -0.2% -0.2%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US Initial Jobless Claims (k) Continuing Claims (k) Construction spending ISM Manufacturing PMI EURO AREA Unemployment Rate UK BoE announces its intervention rate CHINA	July 20 June July June August 1	\$ 235 1859 0.2% 48.8 6.4% 5.00%	A	P 235 1851 -0.1% 48.5 6.4% 5.25%	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDF (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Undermployment rate Labor Force Participation Rate	July Q2:24 Q2:24 Q2:24 Q2:24 July July July July July July July July	s 175 150 3,7% 3,7% 3,43 	A	7.2% 100.4 0.5% 0.2% -0.2% -0.2% P 206 136 4.1% 0.3% 4.1% 34.3 7.4% 62.6%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US Initial Jobless Claims (k) Continuing Claims (k) Construction spending ISM Manufacturing PMI EURO AREA Unemployment Rate UK BOE announces its intervention rate CHINA	July 20 June July June	\$ 235 1859 0.29 48.8 6.4%	A	P 235 1851 -0.1% 48.5	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDF (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Undermployment rate Labor Force Participation Rate	July Q2:24 Q2:24 Q2:24 Q2:24 July July July July July July July July	s 175 150 3,7% 3,7% 3,43 	A	7.2% 100.4 0.5% 0.2% -0.2% -0.2% P 206 136 4.1% 0.3% 4.1% 34.3 7.4% 62.6%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Continuing Claims (k) Construction spending ISM Manufacturing PMI EURO AREA Unemployment Rate UK BOE announces its intervention	July 20 June July June August 1	\$ 235 1859 0.2% 48.8 6.4% 5.00%	A	P 235 1851 -0.1% 48.5 6.4% 5.25%	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDF (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Undermployment rate Labor Force Participation Rate	July Q2:24 Q2:24 Q2:24 Q2:24 July July July July July July July July	s 175 150 3,7% 3,7% 3,43 	A	7.2% 100.4 0.5% 0.2% -0.2% -0.2% P 206 136 4.1% 0.3% 4.1% 34.3 7.4% 62.6%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US Initial Jobless Claims (k) Continuing Claims (k) Construction spending ISM Manufacturing PMI EURO AREA Unemployment Rate UK BOE announces its intervention rate CHINA	July 20 June July June August 1	\$ 235 1859 0.2% 48.8 6.4% 5.00%	A	P 235 1851 -0.1% 48.5 6.4% 5.25%	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDF (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Undermployment rate Labor Force Participation Rate	July Q2:24 Q2:24 Q2:24 Q2:24 July July July July July July July July	s 175 150 3,7% 3,7% 3,43 	A	7.2% 100.4 0.5% 0.2% -0.2% -0.2% P 206 136 4.1% 0.3% 4.1% 34.3 7.4% 62.6%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US Initial Jobless Claims (k) Continuing Claims (k) Construction spending ISM Manufacturing PMI EURO AREA Unemployment Rate UK BOE announces its intervention rate CHINA	July 20 June July June August 1	\$ 235 1859 0.2% 48.8 6.4% 5.00%	A	P 235 1851 -0.1% 48.5 6.4% 5.25%	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDF (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Undermployment rate Labor Force Participation Rate	July Q2:24 Q2:24 Q2:24 Q2:24 July July July July July July July July	s 175 150 3,7% 3,7% 3,43 	A	7.2% 100.4 0.5% 0.2% -0.2% -0.2% P 206 136 4.1% 0.3% 4.1% 34.3 7.4% 62.6%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%
Thursday 1 US Initial Jobless Claims (k) Continuing Claims (k) Construction spending ISM Manufacturing PMI EURO AREA Unemployment Rate UK BoE announces its intervention rate CHINA	July 20 June July June August 1	\$ 235 1859 0.2% 48.8 6.4% 5.00%	A	P 235 1851 -0.1% 48.5 6.4% 5.25%	US S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDF (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Friday 2 US Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Undermployment rate Labor Force Participation Rate	July Q2:24 Q2:24 Q2:24 Q2:24 July July July July July July July July	s 175 150 3,7% 3,7% 3,43 	A	7.2% 100.4 0.5% 0.2% -0.2% -0.2% P 206 136 4.1% 0.3% 4.1% 34.3 7.4% 62.6%	US Fed announces its intervention rate Pending home sales (MoM) ADP Employment Change (k) EURO AREA CPI (YoY) Core CPI (YoY) JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY) Bank of Japan announces its intervention rate CHINA	June July July June June June June June June June	5.50% 1.0% 149 2.5% 2.8% 3.0% -4.5% -5.3% 0.10%		5.50% -2.1% 150 2.5% 2.9% 1.6% 2.8% 3.6% 1.1% 0.10%

11878906

-3.0

53.5

75.8

350.3



Greece

ASE

1469

0.3

13.6

9.3

77.2

Equity Markets (in local currency) 2-year change Emerging Markets Year-to-Date 1-Year Year-to-Date 1-Year Current 1-week Current 1-week 2-year change **Developed Markets** change (%) change (%) Level change (%) change (%) Level change (%) (%) change (%) (%) US S&P 500 5459 -0.8 14.5 19.5 39.2 MSCI Emerging Markets 66820 -1.4 8.6 8.2 12.4 NIKKEI 225 Japan 37667 -6.0 12.6 36.2 MSCI Asia 1034 -1.6 10.1 13.6 15.3 11.3 UK MSCIUK 1.7 8.0 12.2 56 -2.4 2368 6.9 China -0.2 -11.8 -19.3 Euro area EuroStoxx 502 0.3 5.8 8.8 26.8 Korea 863 -2.8 3.9 6.3 16.6 Germany DAX 40 18418 1.4 9.9 14.2 40.6 MSCI Latin America 93529 -0.7 -7.0 -1.7 8.9 CAC 40 7518 -0.2 -0.3 2.8 21.0 308477 -0.1 -8.0 -1.9 8.1 France Brazil -0.6 12.7 18.5 62.2 48617 -8.8 -3.2 Italv MSCI Italy 1084 Mexico -1.6 11.4 Spain IBEX-35 11166 0.7 10.5 16.3 38.4 MSCI Europe 4447 -2.2 17.9 27.2 95.8 Hong Kong Hang Seng 17021 -2.3 -0.2 -12.1 -18.6 Russia 2993 -0.5 -3.4 0.8 36.5

Turkey

in US Dollar terms	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)	Investment Styles	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)
Energy	261.4	-0.6	7.0	6.8	22.1	Growth (Developed)	5241.9	-2.2	13.7	20.0	46.2
Materials	349.7	0.1	0.7	3.4	20.5	Value (Developed)	3662.8	0.6	8.6	11.3	22.4
Industrials	395.9	0.1	9.2	14.0	40.6	Large Cap (Developed)	2244.1	-1.0	12.2	17.1	36.8
Consumer Discretionary	399.0	-2.3	2.6	6.1	25.0	Small Cap (Developed)	561.8	1.3	6.3	8.8	20.4
Consumer Staples	284.2	0.3	5.3	0.6	6.1	US Growth	3625.5	-2.3	19.6	24.6	42.2
Healthcare	389.0	1.4	10.1	10.9	15.3	US Value	1867.2	1.1	8.7	13.9	34.3
Financials	167.7	0.5	13.3	19.8	35.9	US Large Cap	5459.1	-0.8	14.5	19.5	39.2
IT	721.1	-2.4	20.4	30.9	70.4	US Small Cap	1429.4	3.5	8.4	12.4	20.5
Telecoms	105.6	-2.5	9.6	16.5	26.7	US Banks	430.0	0.9	22.4	31.3	32.0
Utilities	160.2	1.2	7.5	3.2	4.5	EA Banks	145.6	1.2	23.0	29.4	88.5
Real Estate	1020.1	-0.1	-0.2	3.2	-5.2	Greek Banks	1293.7	-2.1	21.9	16.9	161.5

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	4.20	4.24	3.86	3.85	2.40	US Treasuries 10Y/2Y	-19	-27	-39	-98	55
Germany	2.40	2.46	2.03	2.46	0.59	US Treasuries 10Y/5Y	12	8	3	-24	30
Japan	1.06	1.04	0.62	0.45	0.19	Bunds 10Y/2Y	-26	-32	-37	-81	48
UK	4.10	4.13	3.54	4.28	1.73	Bunds 10Y/5Y	8	4	8	-15	38
Greece	3.43	3.43	3.08	3.76	4.60						
Ireland	2.84	2.87	2.38	2.89	1.11	Corporate Bond Spreads	Current	Last week	Year Start	One Year	10-year
Italy	3.76	3.78	3.70	4.10	2.23	(in bps)	Ourrent	Last Week	rear otart	Back	average
Spain	3.23	3.25	2.99	3.50	1.61	US IG	95	93	104	123	129
Portugal	3.05	3.07	2.79	3.21	2.05	US High yield	310	309	334	391	440
Emerging Markets (LC)**	4.49	4.55	4.67	4.79	4.58	Euro area IG	109	108	135	149	122
						Euro area High Yield	347	339	395	434	404
US Mortgage Market	Current	Last week	Year Start	One Year	10-year	Emerging Markets (HC)	189	186	244	269	308
OS PIOTIGAGE MAIREL	Current	Lasi Week	rear Start	Back	average	EUR Senior Financial	126	125	163	182	128
30-Year FRM1 (%)	6.82	6.87	6.71	6.87	4.58	EUR Subordinated Financial	206	203	258	300	246
vs 30Yr Treasury (bps)	237.0	237.0	273.0	293.0	170.6	iTraxx Senior Financial 5Y2	62	62	67	81	77

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	1.09	-0.3	1.6	-1.9	-1.7	Agricultural	345	-0.7	-5.4	-20.8	-10.9
EUR/CHF	0.96	-0.9	0.0	0.4	3.1	Energy	255	-1.6	-5.7	-6.3	4.0
EUR/GBP	0.84	0.2	-0.2	-1.3	-2.5	West Texas Oil (\$/bbl)	79	-3.5	-4.4	-0.3	9.3
EUR/JPY	166.68	-2.7	-2.8	7.3	7.0	Crude brent Oil (\$/bbl)	81	-1.8	-4.8	-2.2	5.3
EUR/NOK	11.97	1.0	5.0	6.8	6.7	HH Natural Gas (\$/mmbtu)	2.0	-6.1	-24.0	-25.2	-20.7
EUR/SEK	11.73	1.0	4.0	1.4	5.4	TTF Natural Gas (EUR/mwh)	32	2.0	-5.2	9.8	2.6
EUR/AUD	1.66	1.8	3.2	1.1	2.3	Industrial Metals	426	-2.7	-6.7	1.0	0.9
EUR/CAD	1.50	0.5	2.7	2.7	3.1	Precious Metals	3146	-1.1	4.1	20.0	17.1
USD-based cross rates						Gold (\$)	2387	-0.6	3.9	21.0	15.7
USD/CAD	1.38	0.7	1.0	4.7	4.4	Silver (\$)	28	-4.7	-3.0	12.0	17.4
USD/AUD	1.53	2.1	1.5	3.0	4.1	Baltic Dry Index	1808	-4.9	-7.9	69.4	-13.7
USD/JPY	153.54	-2.4	-4.4	9.4	8.9	Baltic Dirty Tanker Index	1023	-3.1	-13.1	13.8	-14.8

85

80

Jul-23

Equity Market Performance S&P500 EuroStoxx Nikkei 225 China CSI300 MSCI China 130 130 125 125 120 120 115 115 110 105 105 100 100 95 95 90 90

Feb-

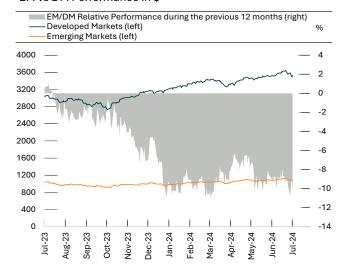
Data as of July 26th – Rebased @ 100

85

80

Jul-24

EM vs DM Performance in \$

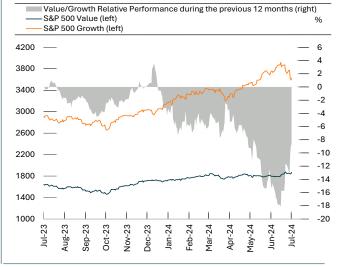


Data as of July 26th

S&P 500 Value & Growth Index

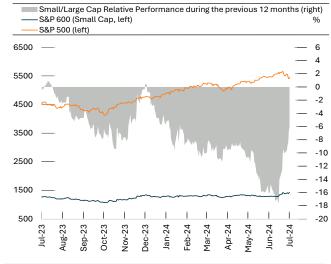
Sep-23 Oct-23 Nov-23

Dec-23



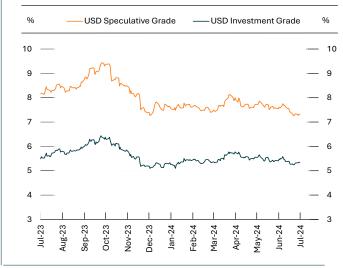
Data as of July 26th

S&P 500 & S&P 600 Index



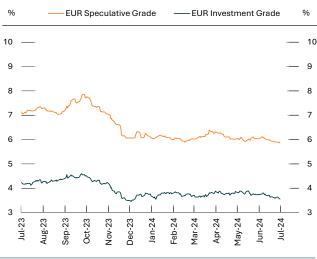
Data as of July 26th

USD Corporate Bond Yields

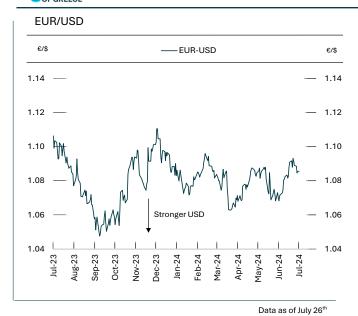


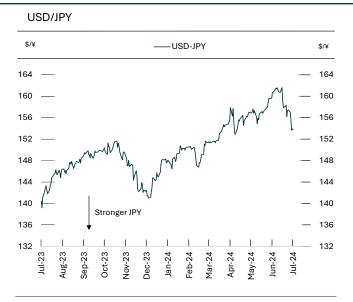
Data as of July 26^{th}

EUR Corporate Bond Yields

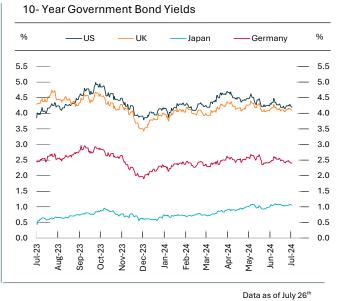


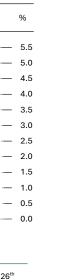
Data as of July 26th

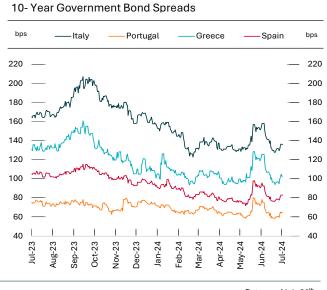




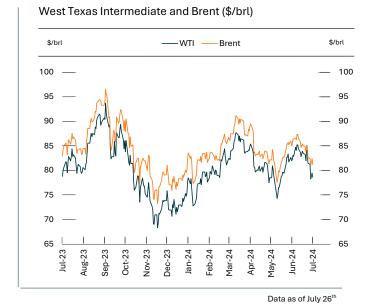
Data as of July 26th

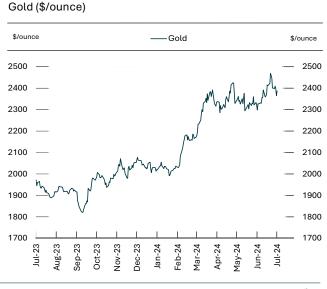






Data as of July 26th





Data as of July 26th



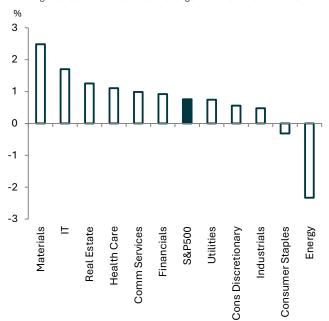
US Sectors Valuation

		Price (\$)		EPS Gr	owth (%)	Dividend	Yield (%)		P.	/E Ratio		P/BV Ratio			
	26/7/24	% Weekly Change	%YTD	2024	2025	2024	2025	2024	2025	12m fwd	20Yr Avg	2024	2025	Current	20Yr Avg
S&P500	5459	-0.8	14.5	10.3	14.9	1.3	1.4	23.4	20.4	21.4	15.9	4.7	4.2	4.8	2.9
Energy	705	-0.2	10.1	-8.7	13.2	3.2	3.4	13.5	11.9	12.5	17.7	2.1	2.0	2.2	2.0
Materials	576	1.4	6.7	-2.2	17.6	1.8	1.9	21.6	18.4	19.6	15.7	2.9	2.7	3.0	2.8
Financials															
Diversified Financials	1213	1.1	11.2	15.0	11.0	1.1	1.2	20.7	18.7	19.4	13.7	2.7	2.5	2.8	1.5
Banks	430	0.9	22.4	0.6	5.5	2.7	2.9	12.3	11.7	11.9	12.2	1.3	1.2	1.3	1.3
Insurance	762	2.5	19.3	21.0	12.6	1.6	1.7	14.4	12.8	13.4	11.1	2.4	2.1	2.5	1.4
Real Estate	256	0.5	1.6	0.6	9.7	3.4	3.6	38.6	35.2	36.6	16.1	3.0	3.0	3.0	N/A
Industrials															
Capital Goods	1172	2.5	14.5	4.9	13.8	1.4	1.5	22.9	20.1	21.1	16.2	5.6	5.1	5.8	3.7
Transportation	989	-2.1	-0.9	-0.3	23.5	1.7	1.8	19.7	16.0	17.4	16.3	5.0	4.3	5.3	3.9
Commercial Services	640	-1.0	10.6	11.5	11.0	1.2	1.3	30.3	27.3	28.2	19.4	9.4	8.2	9.8	4.2
Consumer Discretionary															
Retailing	4471	-0.2	15.0	22.9	17.9	0.6	0.6	31.3	26.6	28.4	22.1	9.9	7.7	11.2	7.3
Consumer Services	1550	-4.4	-5.1	6.7	15.4	1.3	1.4	22.8	19.8	20.9	22.2	N/A	N/A	N/A	N/A
Consumer Durables	391	1.4	-9.5	0.8	10.1	1.2	1.3	15.9	14.4	15.1	16.0	3.3	2.9	3.3	3.2
Automobiles and parts	124	-8.7	-9.3	5.0	9.1	0.4	0.4	28.8	26.4	27.3	15.0	4.2	3.7	4.5	3.0
IT															
Technology	3984	-2.4	12.0	6.7	12.3	0.6	0.7	30.5	27.1	27.6	16.2	18.6	16.5	18.8	6.4
Software & Services	4622	-1.4	8.8	15.7	12.1	0.7	0.7	34.2	30.5	30.9	20.4	10.5	8.5	10.6	5.9
Semiconductors	5157	-3.6	57.2	39.9	38.9	0.5	0.6	37.2	26.8	29.8	17.7	10.1	8.1	11.0	4.3
Communication Services	291	-3.8	18.1	22.4	12.7	0.9	1.0	20.0	17.8	18.7	15.5	4.2	3.6	3.9	2.6
Media	1195	-3.9	19.1	6.8	5.9	2.5	2.7	10.3	9.7	9.9	6.3	1.8	1.6	1.9	N/A
Consumer Staples															
Food & Staples Retailing	831	-1.7	17.9	4.1	7.2	2.0	1.3	27.5	25.7	26.5	17.5	6.8	6.0	7.0	3.6
Food Beverage & Tobacco	841	2.1	5.4	3.3	6.8	3.5	3.7	17.4	16.3	16.8	17.0	5.1	4.7	5.1	5.2
Household Goods	892	0.6	10.8	6.7	8.5	2.4	2.6	25.2	23.2	23.3	19.8	8.7	7.9	8.6	6.1
Health Care															
Pharmaceuticals	1455	2.5	14.1	8.0	26.9	1.8	1.9	23.2	18.3	20.1	14.5	6.1	5.4	6.2	4.4
Healthcare Equipment	1976	-0.3	4.1	6.3	11.5	1.2	1.3	19.4	17.4	18.2	16.1	3.8	3.5	4.0	3.1
Utilities	361	1.5	12.3	12.4	8.6	3.3	3.4	17.5	16.1	16.7	15.8	2.0	1.9	2.0	1.9

The prices data are as of 26/7/2024, while the EPS growth, Dividend yield, P/E ratio and P/BV ratio are as of 18/7/2024. Blue box indicates a value more than +2 standard devation from average, light blue a value more than +1 standard devation from average. Orange box indicates a value less than -2 standard devation from average, light orange a value less than -1 standard devation from average.

1-month revisions to 12-month Forward EPS

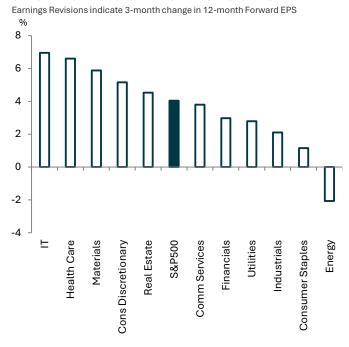
Earnings Revisions indicate 1-month change in 12-month Forward EPS



Data as of July 18th

12-month forward EPS are 44% of 2024 EPS and 56% of 2025 EPS

3-month revisions to 12-month Forward EPS



Data as of July 18th

12-month forward EPS are 44% of 2024 EPS and 56% of 2025 EPS



Euro Area Sectors Valuation

		Price (€)		EPS Gr	owth (%)	Dividend	Yield (%)		P/	E Ratio		P/BV Ratio			
	26/7/24	% Weekly Chang	ge %YTD	2024	2025	2024	2025	2024	2025	12m fwd	20Yr Avg	2024	2025	Current	20Yr Avg
EuroStoxx	502	0.3	5.8	3.7	10.8	3.4	3.6	13.5	12.2	12.7	12.8	1.7	1.6	1.7	1.6
Energy	124	-0.1	1.4	1.2	4.6	5.1	5.4	7.9	7.6	7.7	10.4	1.2	1.1	1.2	1.5
Materials	973	0.2	-6.4	12.7	22.2	3.3	3.5	17.4	14.2	15.4	14.2	1.5	1.4		1.8
Basic Resources	191	-3.5	-13.8	-2.3	25.4	3.3	3.6	11.2	9.0	9.8	11.6	0.7	0.7	0.7	1.0
Chemicals	1475	1.0	-4.8	19.7	21.0	3.3	3.5	19.7	16.3	17.6	15.1	1.9	1.8	1.9	2.2
Financials															
Banks	146	1.2	23.0	6.9	5.4	6.8	7.1	7.1	6.7		9.3	0.8	0.7	8.0	#VALUE!
Insurance	393	1.4	12.2	13.6	7.6	5.5	5.9	9.8	9.1	9.3	9.1	1.5	1.4	1.5	1.1
Financial Services	582	1.0	4.4	-17.8	5.5	3.1	3.2	12.5	11.9	12.1	14.3	1.4	1.4	1.5	1.5
Real Estate	143	-1.3	-4.3	14.5	4.2	4.9	5.1	12.7	12.1	12.4	12.4	0.8	0.8	0.8	1.0
Industrials															
Industrial Goods & Services	1220	-0.4	7.2	9.9	16.3	2.3	2.6	19.1	16.4	17.4	15.4	3.0	2.8	3.1	2.6
Construction & Materials	642	1.3	5.5	2.1	10.0	3.5	3.7	13.2	12.0	12.5	13.2	1.8	1.6	1.8	1.6
Consumer Discretionary															
Retail	797	-0.1	14.4	15.3	11.0	3.5	3.8	22.6	20.4	21.4	17.1	5.1	4.8	5.2	2.8
Automobiles and parts	585	-2.6	-3.4	-6.7	8.0	5.6	6.0	6.0	5.6	5.7	11.3	0.7	0.7	0.7	1.1
Travel and Leisure	210	-1.9	-6.1	2.5	16.3	3.1	3.6	10.3	8.9	9.4	27.7	1.9	1.7	2.0	2.1
Consumer Products & Services	463	-1.5	-6.0	15.6	17.6	1.7	2.0	27.9	23.7	25.3	20.8	5.2	4.6	5.4	3.8
Media	358	-4.9	9.3	7.2	8.9	2.2	2.4	21.1	19.4	20.1	15.6	3.7	3.5	3.7	2.3
Technology	1075	-0.3	13.2	-5.9	35.2	0.9	1.1	32.9	24.3	27.3	19.1	5.6	5.0	5.9	3.4
Consumer Staples															
Food, Beverage & Tobacco	161	1.1	-2.6	5.3	12.6	2.4	2.6	18.9	16.7	17.5	17.7	1.7	1.7	1.8	2.9
Personal Care, Drug & Grocery	166	-2.2	-2.9	1.3	10.8	3.7	3.9	12.8	11.6	12.1	N/A	1.8	1.7		2.2
Health care	806	5.2	6.1	3.0	15.4	2.3	2.5	15.5	13.4	14.2	14.8	1.7	1.6	1.7	2.1
Communication Services	299	0.4	7.7	13.1	9.7	4.4	4.7	14.2	12.9	13.4	13.0	1.4	1.4	1.4	1.9
Utilities	380	2.0	-2.8	-4.7	-3.2	5.5	5.5	11.8	12.2	12.1	13.0	1.5	1.4	1.6	1.5

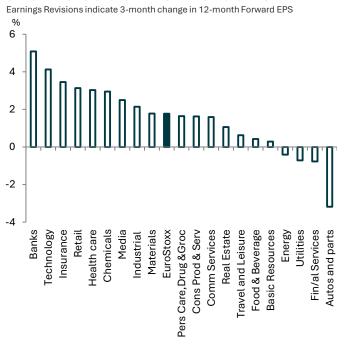
The prices data are as of 26/7/2024, while the EPS growth, Dividend yield, P/E ratio and P/BV ratio are as of 18/7/2024. Blue box indicates a value more than +2standard devation from average, light blue a value more than +1standard devation from average. Orange box indicates a value less than -2standard devation from average avalue less than -1standard devation from average.

1-month revisions to 12-month Forward EPS

Earnings Revisions indicate 1-month change in 12-month Forward EPS % 4 3 2 0 -1 -2 -3 -4 -5 Media Banks Energy Travel and Leisure Technology Health care Real Estate Chemicals Cons Prod & Serv Insurance EuroStoxx Retail Comm Services Materials Utilities Autos and parts Food & Beverage Fin/al Services Pers Care, Drug & Groc Basic Resources Industrial

Data as of July 18 $^{\rm th}$ 12-month forward EPS are 44% of 2024 EPS and 56% of 2025 EPS

3-month revisions to 12-month Forward EPS



Data as of July 18th

12-month forward EPS are 44% of 2024 EPS and 56% of 2025 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 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.