Global Markets Roundup



National Bank of Greece | Economic Analysis & Research Division | December 12, 2023

The December calendar for central banks' meetings is likely to shape investors' expectations for monetary policy in 2024

- Global equity markets were broadly flat in the past week, albeit euro area bourses overperformed (SXXE: +2.0% wow & +15% YtD), on the back of lower euro area risk-free rates. Indeed, the German Bund 10-year yield fell by -12 bps wow to 2.26%, reaching a seven-month low of 2.20% intra-week, following dovish comments from ECB officials.
- The ECB convenes on Thursday. Near-zero economic growth and, more so, the latest downward inflation surprise, appear to have taken off the table higher policy interest rates, following a cumulative increase of 450 basis points from July 2022 to September 2023 (current DFR: 4.0%). Instead, attention turns to potential hints for possible cuts during 2024.
- Recall that the latest inflation readings are set to result in a meaningful downward revision for ECB staff's projections, which back in September called for +3.2% (CPI) & +2.9% (core CPI) in 2024, on average. In the event, the headline CPI has averaged +2.7% yoy in Q4:2023, so far, versus September's ECB projections for +3.3%. In a similar vein, the core CPI has averaged +3.9% yoy in Q4:2023, so far, versus September's ECB projections for +4.1%.
- Furthermore, regarding the inflation forecasting horizon up to 2025, ECB staff's technical assumptions in September 2023 called for (average) Brent oil prices of €80/barrel, natural gas prices of €51/Mwh, EUR/USD of \$1.09 and an average 3-month Euribor of +3.4%. Based on futures and FRA average prices in December, so far, mean expected values for 2024-2025 are €75/barrel (-6% lower compared with September), €40/Mwh (-22%), \$1.10 (+1%) and +3.0%.
- All told, the above-mentioned factors suggest that core CPI ECB projections for H1:2025, or earlier, could align with the 2% target. Such an outlook, if sustained in the next months, could open the door to interest rate cuts. Market pricing vis-à-vis cuts is aggressive, in our view, as according to OIS, policy rates are expected to be lower by 125 to 150 bps by end-2024 (see graph below).
- Such an aggressiveness in terms of size, is compatible with elevated recession probabilities, an outcome that risk-markets defy. Indeed, euro area equities are up by +11% since end-October and high yield corporate bond spreads have narrowed by -64 basis points to 419 bps for the same period (+4% in terms of total return).
- An earlier winddown of the PEPP bond portfolio of €1.67 trillion (12% of euro area GDP) is likely, with current guidance calling for full reinvestments of maturing securities to continue at least up to end-2024.
- The Federal Reserve, on Wednesday, is expected to keep the Federal Funds Rate (FFR) unchanged at 5.25% 5.50%. Attention will turn to the FOMC interest rate "dot plot", the median of which in September pointed to 5.1% at end-2024, 3.9% at end-2025 and 2.9% at end-2026.
- Due to decelerating US inflation (see graph below, with November CPI, released on Tuesday 12th, posting a +3.1% yoy increase), FOMC interest rate projections could be revised downwards (4.5% to 4.75% for 2024), albeit strong labor market data (see Economics) challenge the narrative of aggressive cuts implied by financial markets (between 125 and 150 bps).

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

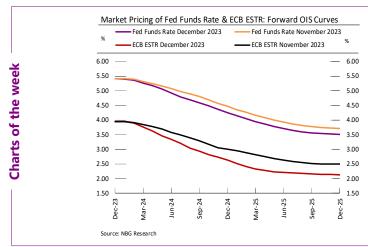
> Panagiotis Bakalis 210-3341545 mpakalis.pan@nbg.gr

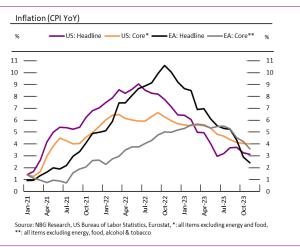
Vasiliki Karagianni 210-3341548 karagianni.vasiliki@nbg.gr

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

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US labor market remains strong

- Headline job creation, somewhat overshot consensus estimates in November. Specifically, non-farm payrolls were up by +199k, from +150k in October. The latest reading is compared with consensus estimates for +180k. However, negative net revisions for the previous two months took place (-35k, cumulatively). In all, the 3-month average stood at +204k in November from +192k in October, a resilient outcome by historical standards (monthly average of +91k since 2000). Sector-wise, the most notable gains occurred in health care (+77k). In a contrarian note, a net decline of -38k took place in retail trade.
- Total household employment, including the self-employed and agricultural workers, increased by +747k in November from -348k in October. As a result, the unemployment rate decreased to 3.7%, from 3.9% in October, significantly below consensus estimates for a stable reading (trough of 3.4% in April, the lowest since May 1969). Recall also that the fall in the unemployment rate could have been slightly more profound, hadn't it been for a rise in the labor force participation rate, by +0.1 pp to 62.8%. At the same time, the U-6 unemployment rate (which includes the unemployed, part-time workers for economic reasons, and those workers marginally attached to the labor force), which is considered a broader measure of slack, decreased by -0.2 pps to 7.0% in November.
- The impetus for average hourly earnings posted signs of strengthening in November. In the event, the monthly growth was +0.4% mom, versus consensus estimates for +0.3% mom (average of +0.25% mom since 2006), from +0.2% mom in October. As a result, the annual growth remained at a resilient +4.0% (average of +3.0% yoy since 2007). The three month-average of monthly annualized returns was 3.4% from 3.0% in the previous month and 4.5% in January 2023. Note also that the average weekly hours worked by total employees increased by +0.1 to 34.4 in November (re-aligning with its average since 2006), suggesting somewhat larger gains for workers' overall compensation.

Euro area real GDP in Q3:2023 was broadly unchanged (zero growth on an annual basis)

 According to the 3rd estimate (the first including analytical breakdown per expenditure component), real GDP fell by -0.1% qoq (-0.5% annualized) in Q3:2023, following a +0.1% qoq in Q2:2023. Real GDP trod water for a 4th consecutive quarter and as a result, was roughly unchanged on a yearly basis in Q3:2023 (from +0.6% yoy in Q2:2023). The most profound drag on quarterly growth in Q3:2023 (-0.3 pps) came from inventories (including acquisitions less disposals of valuables). At the same time, Gross Fixed Capital Formation ("GFCF") were stable on a quarterly basis (-0.1% yoy), following a -0.1% goq (+1.2% yoy) in Q2:2023 (+1.9% yoy), being neutral to overall GDP growth, with a modest increase in business investment (75% of GFCF) by +0.2% gog (+1.0% yoy), offsetting a decline for residential investment (25% of GFCF), by -0.6% gog (-3.2% yoy). **Net exports** were also neutral to headline growth, with imports falling by -1.2% qoq (-3.8% yoy) and exports decreasing by -1.1% qoq (-2.8% yoy). On the other hand, government consumption increased by +0.3% gog (+0.5% yoy), following a +0.2% qoq (+0.1% yoy) in Q2:2023, contributing +0.1 pp to overall growth.

PFinally, private consumption posted a partial recovery in Q3:2023, +0.3% qoq (-0.4% yoy) following zero growth in the previous two quarters and -0.8% qoq in Q4:2022, adding +0.2 pps to overall growth. Note that the initial indications for the current quarter's impetus have been anemic. In the event, retail sales increased by +0.1% mom (in seasonally adjusted volume terms | -1.0% yoy) in October, remaining though -0.2% below their average in Q3:2023. At the same time, new passenger car registrations (seasonally adjusted) fell by -2.2% mom (+7.9% yoy) in October and stood at -0.8% versus the Q3:2023 average. Note that car sales are not included in the aforementioned retail sales report.

Euro Area employment posted a subdued impetus in Q3:2023

Employment (in terms of hours worked) slightly decreased in Q3:2023, by -0.1% qoq (+0.8% yoy), after a +0.3% qoq (+1.0% yoy) in the previous quarter. Nevertheless, the number of employees increased by +0.2% qoq in Q3:2023 (+1.3% yoy), from +0.1% qoq (+1.4% yoy in Q2:2023. The rise in employment (in terms of the number of persons), has contributed in the unemployment rate staying roughly stable in Q3:2023 at a record low of 6.5% (6.5% also in October 2023), despite the number of unemployed persons also increasing in that period (average of Q3:2023: +0.9% versus the average in Q2:2023). These developments suggest a widening of the labor force (data for Q3:2023 are due on December 15th), with the latest ratio at 65.5% from 65.2% in Q4:2022 and 64.7% in Q4:2019.

Japanese real GDP growth in Q3:2023 was revised down Japanese real GDP declined by -0.7% qoq in Q3:2023 (-2.9% in annualized terms) according to the 2nd estimate (+1.5% yoy), versus -0.5% goq in the preliminary estimate (-2.1% annualized) and following a +0.9% qoq (+3.6% annualized | +2.2% yoy) in Q2:23. The downward revision was mostly due to inventories subtracting -0.5 pps from GDP's quarterly growth instead of -0.3 pps in the 1st estimate. In addition, private consumption came out at -0.2% qoq (-0.1 pp subtraction | unchanged on a yearly basis) in Q3:2023 instead of being unchanged in quarterly terms in the previous estimate (and neutral to overall growth), following a -0.6% qoq (+0.3% yoy) in Q2:2023. The revisions in the rest expenditure components were not particularly influential. In the event, public investment, fell by -0.8% gog (neutral to headline growth | +2.6% yoy) instead of -0.5% gog in the advance estimate and after a +1.5% qoq (+4.7% yoy) in Q2:2023. Residential investment was down by -0.5% gog in Q3:2023 (also neutral to headline growth | +2.2% yoy), instead of -0.1% qoq, from +1.7% qoq (+3.2% yoy) in the previous quarter. Business investment, decreased by -0.4% qoq (drag of -0.1 pp to GDP's quarterly growth | -1.0% yoy) instead of -0.6% qoq in the advance estimate and following a -1.3% qoq (+1.5% yoy) in Q2:2023. The -0.1 pp drag from **net exports** was unrevised, with imports rising by +0.8% qoq (-4.7% yoy), whereas exports increased by +0.4% gog (+2.3% yoy). Finally, **government consumption** rose by an unrevised +0.3% qoq (+0.1 pp to the headline GDP growth | +1.0% yoy), compared with -0.1% qoq (+0.8% yoy) in Q2:2023.



Equities

• Global equity markets paused for breath in the past week following the significant increase by +11% since October 27th. The S&P500 ended the week up by +0.2% (+20% ytd), recording its 6th consecutive week with gains (the largest such streak since November 2019), with the index up by +11.8% since October 27th. Notably, the equal-weighted S&P500 has increased by +12.3% during the same period, suggesting broad-based gains.

Sector-wise, the Energy sector underperformed (-3.3% wow), due to, inter alia, lower oil prices. The IT sector rose by +0.7% wow, with AMD overperforming (+6.2% wow), with the bulk of the increase occurring on Thursday (+9.9%), following the presentation of its new MI300 Series data center AI accelerators that according to the AMD's CEO are the highest-performance accelerators in the world for generative Al. Notably, AMD estimated that the size of the Al chip industry will reach \$400 billion in the next four years, revising higher its previous forecast for \$150 billion as the demand is growing much faster. Communications Services sector increased by +1.4% wow, with Google ending the week up by +2.4%, rising by +5.3% on Thursday, following the introduction of its most capable AI model, Gemini. According to the company, Gemini Ultra is the first AI model to overperform human experts on massive multitask language understanding (MMLU), which uses a combination of 57 subjects including math, physics, history, law, medicine and ethics for testing both world knowledge and problem-solving abilities, while also surpassing OpenAI's ChatGPT in several benchmarks.

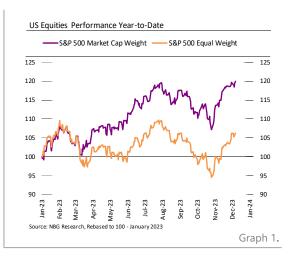
On the other side of the Atlantic, the EuroStoxx index rose by +2.0% wow, posting a 6th consecutive week with gains (the largest such streak since December 2022), reaching its highest level since January 2022 (472). In Germany, the DAX40 rose by +2.2% wow, recording a new all-time high intra-week (16759). In Greece, the ASE Index declined by -0.4% wow (+37% ytd), with Banks underperforming (-3.6% wow | +61% ytd).

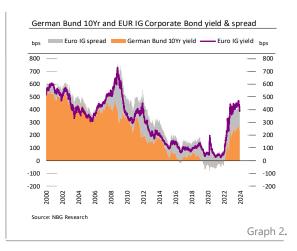
Fixed Income

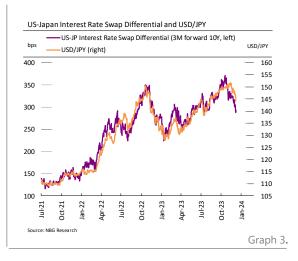
• Long-term government bond yields were mixed in the past week, exhibiting increased volatility. Specifically, the 10-Year US Treasury yield recorded intra-week its lowest level since late-August (4.12%), nevertheless it ended the week broadly stable at 4.23%, following strong labor market data on Friday that pushed back investors' expectations for the onset of policy interest rate cuts by the Fed, to May 2024 from March 2024 previously. In Germany, the 10-year Bund yield declined by -12 bps wow to 2.26%, as investors' expectations for interest rate cuts have been brought forward (April 2024 from June 2024 in the previous week). Periphery bond spreads were little changed (Italy: +4 bps to 177 bps | Spain: +3 bps to 102 bps | Portugal: +3 bps to 66 bps | Greece: -3 bps to 119 bps). Corporate bond spreads narrowed in the HY spectrum. Indeed, EUR HY bond spreads narrowed by -15 bps to 420 bps, and their USD counterparts by -12 bps to 375 bps. In the investment grade spectrum, EUR IG bond spreads narrowed slightly by -3 bps wow to 142 bps, the lowest level since February, while their USD counterparts were broadly stable at 110 bps.

FX and Commodities

• In foreign exchange markets, the US Dollar appreciated against the euro by +0.6% wow to \$1.08, following, inter alia, stronger-than-expected US labor market data that challenged market pricing for the FFR. Furthermore, dovish comments from ECB officials weighed on the euro. In commodities, oil prices declined significantly in the past week (Brent: -3.9% wow \$75.8/barrel), posting the 7th consecutive week with losses, while recording their lowest levels since late-June intra-week. Softer demand outlook, following, inter alia, weaker-than-expected China's crude oil imports coming out at 10.33 million barrels/ day (-10.4% mom | -9.3% yoy), their lowest level in 4 months, contributed to the downside, while investors remain skeptical about the recently announced OPEC+ supply cuts.







Quote of the week: "I agree that incoming inflation data support the idea that additional tightening won't be needed. However, expecting a cut in Q1:2024 is science fiction", Member of the Governing Council of the European Central Bank, Peter Kazimir, December 6th



10-Yr Gov. Bond Yield (%)	December 8th	3-month	6-month	12-month	Official Rate (%)	December 8th	3-month	6-month	12-month
Germany	2,26	2,50	2,50	2,40	Euro area	4,00	4,00	4,00	3,25
US	4,23	4,40	4,30	4,20	US	5,50	5,50	5,50	5,00
UK	3,99	4,30	4,20	3,90	UK	5,25	5,25	5,25	4,75
Japan	0,77	0,90	0,90	1,00	Japan	-0,10	-0,10	-0,05	0,00
Currency	December 8th	3-month	6-month	12-month		December 8th	3-month	6-month	12-month
EUR/USD	1,08	1,08	1,09	1,10	USD/JPY	145	147	145	140
EUR/GBP	0,86	0,86	0,86	0,87	GBP/USD	1,26	1,25	1,26	1,27
EUR/JPY	156	159	158	154					

United States	2021a	Q1:22a	Q2:22a	Q3:22a	Q4:22a	2022a	Q1:23a	Q2:23a	Q3:23a	Q4:23f	2023f
Real GDP Growth (YoY) (1)	5,8	3,6	1,9	1,7	0,7	1,9	1,7	2,4	3,0	2,7	2,4
Real GDP Growth (QoQ saar) (2)	-	-2,0	-0,6	2,7	2,6	-	2,2	2,1	5,2	1,3	-
Private Consumption	8,4	0,0	2,0	1,6	1,2	2,5	3,8	0,8	3,6	2,2	2,2
Government Consumption	-0,3	-2,9	-1,9	2,9	5,3	-0,9	4,8	3,3	5,5	1,9	3,9
Investment	7,1	7,2	-0,2	-4,3	-5,4	1,3	3,1	5,2	2,4	4,9	0,7
Residential	10,7	-1,8	-14,1	-26,4	-24,9	-9,0	-5,3	-2,2	6,2	2,5	-10,7
Non-residential	5,9	10,7	5,3	4,7	1,7	5,2	5,7	7,4	1,3	0,2	4,2
Inventories Contribution	0,2	-0,2	-1,9	-0,4	1,5	0,5	-2,2	-0,2	1,2	-0,7	-0,4
Net Exports Contribution	-1,3	-2,6	0,5	2,5	0,3	-0,5	0,6	0,1	-0,1	0,0	0,5
Exports	6,3	-4,6	10,6	16,2	-3,5	7,0	6,8	-9,3	6,0	2,9	2,6
Imports	14,5	14,7	4,1	-4,8	-4,3	8,6	1,3	-7,6	5,2	2,4	-1,6
Inflation (3)	4,7	8,0	8,7	8,3	7,1	8,0	5,8	4,0	3,5	3,7	4,3
Euro Area	2021a	Q1:22a	Q2:22a	Q3:22a	Q4:22a	2022a	Q1:23a	Q2:23a	Q3:23a	Q4:23f	2023f
Real GDP Growth (YoY)	5,9	5,4	4,1	2,4	1,8	3,4	1,3	0,6	0,0	0,1	0,5
Real GDP Growth (QoQ saar)	-	2,7	3,3	1,8	-0,4	-	0,4	0,5	-0,5	-0,1	-
Private Consumption	4,4	-0,2	3,2	5,3	-3,0	4,2	0,1	0,1	1,2	0,9	0,5
Government Consumption	4,2	1,6	-0,6	-0,4	2,0	1,6	-1,9	0,7	1,2	1,0	0,1
Investment	3,7	-2,0	2,0	5,2	-1,6	2,8	1,4	-0,3	0,1	-0,8	0,9
Inventories Contribution	0,4	-0,3	0,6	0,2	-0,4	0,3	-2,1	2,7	-1,3	-0,6	-0,3
Net Exports Contribution	1,4	3,1	0,6	-2,1	1,6	0,0	2,5	-2,3	-0,1	0,0	0,4
Exports	11,4	6,6	8,2	5,1	-1,3	7,4	-1,0	-4,2	-4,5	0,5	0,3
Imports	9,1	0,5	7,5	10,1	-4,5	8,0	-6,1	0,2	-4,8	0,6	-0,4
Inflation	2.6	6.1	8.0	9.3	10.0	8.4	8.0	6.2	4,9	2,8	5,5

6-12-Month View & Key Factors for Global Markets US **Euro Area** UK Corporate profitability is expected to improve in + Higher equity risk premium (lower P/E ratio) Higher equity risk premium (lower P/E ratio) Significant exposure to commodities 2024, with annual EPS growth of 12% relative to benchmark market (US) relative to benchmark market (US) Undemanding valuations in relative terms China's policy support measures could + acceleratean export-led recovery Geopolitical uncertainty (Ukraine-Russia, natural + gas) could re-intensify The economic backdrop remains muted - Fices had insulting the professional country in the control of the control China's policy support measures could accelerate an export-led recovery JPY depreciation from #132 to ¥148 (12%), if continues, could support exporters Signs of policy fatigue regarding structural reforms and fiscal discipline Yield-Curve Control twists, letalone a sustained shift in ultra-loose monetary policy could but ondernating valuations in relative terms relative to other regions Elevated domestic policy uncertainty The BOE is expected to continue increasing interest rates as inflation remains very high and labor market extremely tight Households' balance sheets are healthy (low debt, still elevated excess savings) debt, still elevated excess savings) Peaking profit margins Recession risks remain P/Es (Valuations) above long-term means, with apremium of 15%. Current P/E of 18.1xvs a 20year average of 15.8x Markets Equity Fiscal policy will turn restrictive in 2024 shift in ultra-loose monetary policy, could hurt market benchmarks (but support Banks) Neutral Neutral/Positive Neutral Neutral $In flation \, expectations \, could \, drift \, higher \, due \, to \,$ Valuations appears o mewhat rich, with term-ECB to continue unwinding its balance sheet via Sizeable fiscal deficits The range of Yield-Targeting of 10-Year JGB at around 0% could widen further (implicitly @ +100 bps) premium, albeit increasing to -0.1%, remaining its APP portfolio supply disruptions (persistent post Brexit, its APP portfolio Global spillowers from higher US interest rates ECB QE "stock" effect, with government bond holdings of £3.9 trillion (27% of GDP) The ECB is likely close to be done with rates Fragile economic growth outlook due to the war supply disruptions (persistent post Brexit, temporary due to China) The BOE is expected to continue increasing interest rates as inflation remains very high and labor market extremely tight BOE: active (sales) Quantitative Tightening below 2000-2015 averages (1.4%) Fiscal deficits to remain sizeable in following Global spillovers from higher US interest rates Safe-haven demand Monetary stance remains extremely dovish, years Underlying inflation pressures remain acute FED: passive (lower rollover) Quantitative despite the unexpected shifts in YCC policy QE "stock" effect, with government bond holdings of ¥594 trillion (102% of GDP) Tightening Global search for yield by non-US investors (e.g. Japan, repatriation from EM Economies) could in Ukraine Slowing economic growth post-Brexit Safe-haven demand bid to support prices assuming geopolitical risks re-intensify The FED is likely close to be done with rates Slightly higher yields ▲ Slightly higher yields ▲ Slightly Higher yields ▲ Slightly Higher yields USD interest rate differential vs peers remain significant + Lower geopolitical uncertainty (Ukraine-Russia, + natural gas) is positive for EUR + tactural gas) is positive for EUR + Economic growth could accelerate in 2024, safe-haven demand status suggesting further interest rate hikes by the ECB+ USD political uncertainty to increase - Global growth risks could abate Safe haven demand More balanced economic growth recovery (long - term) Higher core Inflation rates could accelerate the shift of monetary policy (less accommodative) Valuations appear undemanding with REER below its 15-year average Sizeable Current account deficit Exchange The FED is close to be done, which reduces Foreign potential USD upside Range-bound with upside risks against the USD Broadly Flat USD against G10 FX ▲ Stronger JPY Broadly stable GBP

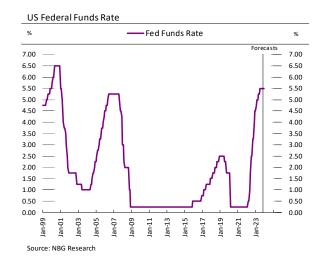


Economic Calendar

In the US, the Federal Reserve meets on December 13th and is expected to retain its Federal Funds Rate (FFR) stable at 5.25% - 5.50% range. Meanwhile, economic activity indicators for November are released. Specifically, retail sales are expected at -0.1% mom from a similar -0.1% mom in October, whereas industrial production is expected at +0.3% from -0.6% mom in October.

In the euro area, the ECB meets on December 14th and is expected to keep its interest rates stable at 4.00% (DFR) and 4.50% (MRO). Also, attention turns to PMI (15/12) surveys for December, as they will provide valuable insight regarding the current economic momentum. Specifically, the PMI composite is expected higher at 48.0, from 47.6 in November.

In the UK, the BoE meets on December 14th and is expected to maintain its bank rate 5.25% for the 3rd consecutive meeting.



economic News C	calendar for	trie periou:	December 03	- December 16	, 2023

Tuesday 05					Wednesday 06					Thursday 07				
US		S	Α	Р	US		S	Α	Р	us		S	Α	Р
ISM Services PMI	November	52.0	+ 52.7	51.8	ADP Employment Change (k)	November	130 -		106	Initial Jobless Claims (k)	December 2	222	+ 220	219
					Trade Balance (\$bn)	October	-64.2 -	-64.3	-61.2	Continuing Claims (k)	November 25	1910	+ 1861	1925
					EURO AREA		0.20/	0.40/	0.40/	Wholesale trade (MoM)	October		1.3%	2.0%
					Retail sales (MoM)	October	0.2% -		-0.1%	EURO AREA		0.40/	0.40/	0.40/
					Retail sales (YoY)	October	-1.1% -	-1.2%	-2.9%	GDP (QoQ)	Q3:23	-0.1%	-0.1%	-0.1%
					UK					GDP (YoY)	Q3:23	0.170	- 0.0%	0.1%
					S&P Global/CIPS UK	November	46.3	45.5	45.6	Government expenditure (QoQ)	Q3:23		0.3%	0.2%
					Construction PMI					Household Consumption (QoQ)	Q3:23		0.3%	0.0%
										Gross Fixed Capital Formation	Q3:23		0.0%	-0.1%
										(QoQ)				
										Eurogroup finance ministers'	December 7			
										meeting				
										GERMANY	0.1	0.00/		4.00/
										Industrial Production (sa, MoM)	October	0.2%	0.4%	-1.3%
										Industrial Production (wda, YoY)	October		-3.5%	-3.7%
										JAPAN	0.1		1150	445.7
										Coincident Index	October		115.9	115.7
F-14 00										Leading Index	October		108.7	109.3
Friday 08		-		P	Monday 11				P	CHINA	Marriana	2.20/	0.00/	2.00/
US		S	Α 100		CHINA		S	Α		Imports (YoY)	November		0.6%	3.0%
Change in Nonfarm Payrolls (k)	November		+ 199	150	CPI (YoY)	November	-0.1%	-0.5%	-0.2%	Exports (YoY)	November	-1.1%	+ 0.5%	-6.4%
Change in Private Payrolls (k)	November	.55	- 150	85	1									
Unemployment rate	November		+ 3.7%	3.9%	1									
Average Hourly Earnings MoM	November		+ 0.4%	0.2%	1									
Average Hourly Earnings YoY	November	4.0%	4.0%	4.0%										
Average weekly hours (hrs)	November		+ 34.4	34.3	1					1				
Underemployment rate	November		7.0%	7.2%	1					1				
Labor Force Participation Rate	November		62.8%	62.7%						1				
University of Michigan consumer	December	62.0	+ 69.4	61.3										
confidence					1					1				
JAPAN														
Eco Watchers Current Survey	November		49.5	49.5										
Eco Watchers Outlook Survey	November	0.50/	49.4	48.4	1									
GDP (QoQ)	Q3:23	-0.5%	0.7%	-0.5%						1				
GDP Private Consumption (QoQ)	Q3:23	0.50/	-0.2%	0.0%										
GDP Business Spending (QoQ)	Q3:23	-0.5%	+ -0.4%	-0.6%										
Tuesday 12					Wednesday 13					Thursday 14				
Tuesuay 12					Wednesday 15									
us		S	Δ	P	us		S	Δ	Р	us		S	Δ	P
CPI (YoY)	November	S 3.1%	Α	P 3.2%	US Fed approunces its intervention		S	Α	Р	US Initial Johless Claims (k)	December 9	S 221	Α	P 220
CPI (YoY)	November	3.1%		3.2%	Fed announces its intervention	December 13		A 	P 5.50%	Initial Jobless Claims (k)	December 9	S 221	 	220
CPI (YoY) Core CPI (YoY)	November November				Fed announces its intervention rate	December 13				Initial Jobless Claims (k) Continuing Claims (k)	December 2	221	A 	220 1861
CPI (YoY) Core CPI (YoY) UK	November	3.1%		3.2% 4.0%	Fed announces its intervention rate EURO AREA		5.50%		5.50%	Initial Jobless Claims (k) Continuing Claims (k) Retail sales (MoM)	December 2 November	221 -0.1%	A 	220 1861 -0.1%
CPI (YoY) Core CPI (YoY) UK ILO Unemployment Rate		3.1%		3.2%	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM)	October	5.50%		5.50%	Initial Jobless Claims (k) Continuing Claims (k) Retail sales (MoM) Retail sales ex-autos (MoM)	December 2	221	A 	220 1861
CPI (YoY) Core CPI (YoY) UK ILO Unemployment Rate GERMANY	November October	3.1% 4.0%		3.2% 4.0% 4.2%	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY)		5.50%		5.50%	Initial Jobless Claims (k) Continuing Claims (k) Retail sales (MoM) Retail sales ex-autos (MoM) EURO AREA	December 2 November November	221 -0.1% -0.1%		220 1861 -0.1% 0.1%
CPI (YoY) Core CPI (YoY) UK IICO Unemployment Rate GERMANY ZEW survey current situation	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK	October October	5.50% -0.3% -4.5%	 	5.50% -1.1% -6.9%	Initial Jobless Claims (k) Continuing Claims (k) Retail sales (MoM) Retail sales ex-autos (MoM) EURO AREA ECB announces its deposit facility	December 2 November November	221 -0.1% -0.1%	A 4.00%	220 1861 -0.1%
CPI (YoY) Core CPI (YoY) UK ILO Unemployment Rate GERMANY	November October	3.1% 4.0%		3.2% 4.0% 4.2%	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM)	October	5.50% -0.3% -4.5% -0.1%		5.50% -1.1% -6.9% 0.2%	Initial Jobless Claims (k) Continuing Claims (k) Retail sales (MoM) Retail sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate	December 2 November November December 14	221 -0.1% -0.1% 4.00%	4.00%	220 1861 -0.1% 0.1%
CPI (YoY) Core CPI (YoY) UK IICO Unemployment Rate GERMANY ZEW survey current situation	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM)	October October October October	5.50% -0.3% -4.5% -0.1%		5.50% -1.1% -6.9% 0.2% 0.0%	Initial Jobless Claims (k) Continuing Claims (k) Retail sales (MoM) Retail sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention	December 2 November November	221 -0.1% -0.1% 4.00%		220 1861 -0.1% 0.1%
CPI (YoY) Core CPI (YoY) UK IICO Unemployment Rate GERMANY ZEW survey current situation	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY)	October October	5.50% -0.3% -4.5% -0.1%		5.50% -1.1% -6.9% 0.2%	initial Jobless Claims (k) Continuing Claims (k) Retail sales (MoM) Retail sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate	December 2 November November December 14	221 -0.1% -0.1% 4.00%	4.00%	220 1861 -0.1% 0.1%
CPI (YoY) Core CPI (YoY) UK IICO Unemployment Rate GERMANY ZEW survey current situation	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN	October October October October October	5.50% -0.3% -4.5% -0.1% -0.1% 1.1%		5.50% -1.1% -6.9% 0.2% 0.0% 1.5%	initial Jobless Claims (k) Continuing Claims (k) Retail sales (MoM) Retail sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK	December 2 November November December 14 December 14	221 -0.1% -0.1% 4.00% 4.50%	4.00%	220 1861 -0.1% 0.1% 4.00% 4.50%
CPI (YoY) Core CPI (YoY) UK IICO Unemployment Rate GERMANY ZEW survey current situation	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers	October October October October	5.50% -0.3% -4.5% -0.1%		5.50% -1.1% -6.9% 0.2% 0.0%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK BoE announces its intervention	December 2 November November December 14	221 -0.1% -0.1% 4.00% 4.50%	4.00%	220 1861 -0.1% 0.1%
CPI (YoY) Core CPI (YoY) UK IICO Unemployment Rate GERMANY ZEW survey current situation	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index	October October October October October	5.50% -0.3% -4.5% -0.1% -0.1% 1.1%		5.50% -1.1% -6.9% 0.2% 0.0% 1.5%	initial Jobless Claims (k) Continuing Claims (k) Retail sales (MoM) Retail sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK	December 2 November November December 14 December 14	221 -0.1% -0.1% 4.00% 4.50%	4.00%	220 1861 -0.1% 0.1% 4.00% 4.50%
CPI (YoY) Core CPI (YoY) UK IICO Unemployment Rate GERMANY ZEW survey current situation	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers	October October October October October	5.50% -0.3% -4.5% -0.1% -0.1% 1.1%		5.50% -1.1% -6.9% 0.2% 0.0% 1.5%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK BoE announces its intervention	December 2 November November December 14 December 14	221 -0.1% -0.1% 4.00% 4.50%	4.00%	220 1861 -0.1% 0.1% 4.00% 4.50%
CPI (YoY) Core CPI (YoY) UK IICO Unemployment Rate GERMANY ZEW survey current situation	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index	October October October October October	5.50% -0.3% -4.5% -0.1% -0.1% 1.1%		5.50% -1.1% -6.9% 0.2% 0.0% 1.5%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK BoE announces its intervention	December 2 November November December 14 December 14	221 -0.1% -0.1% 4.00% 4.50%	4.00%	220 1861 -0.1% 0.1% 4.00% 4.50%
CPI (YoY) Core CPI (YoY) UK IICO Unemployment Rate GERMANY ZEW survey current situation	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers	October October October October October	5.50% -0.3% -4.5% -0.1% -0.1% 1.1%		5.50% -1.1% -6.9% 0.2% 0.0% 1.5%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK BoE announces its intervention	December 2 November November December 14 December 14	221 -0.1% -0.1% 4.00% 4.50%	4.00%	220 1861 -0.1% 0.1% 4.00% 4.50%
CPI (YoY) Core CPI (YoY) UK IICO Unemployment Rate GERMANY ZEW survey current situation	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers	October October October October October	5.50% -0.3% -4.5% -0.1% -0.1% 1.1%		5.50% -1.1% -6.9% 0.2% 0.0% 1.5%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK BoE announces its intervention	December 2 November November December 14 December 14	221 -0.1% -0.1% 4.00% 4.50%	4.00%	220 1861 -0.1% 0.1% 4.00% 4.50%
CPI (YoV) Core CPI (YoY) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers	October October October October October	5.50% -0.3% -4.5% -0.1% -0.1% 1.1%		5.50% -1.1% -6.9% 0.2% 0.0% 1.5%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MOM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK BoE announces its intervention rate	December 2 November November December 14 December 14	221 -0.1% -0.1% 4.00% 4.50%	4.00%	220 1861 -0.1% 0.1% 4.00% 4.50%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations	October December	3.1% 4.0% -75.5 8.8		3.2% 4.0% 4.2% -79.8 9.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAM Tankan - large manufacturers current index Tankan - large manufacturers outlook index	October October October October October	5.50% -0.3% -4.5% -0.1% -0.1% 1.1% 10		5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK BoE announces its intervention rate Monday 18	December 2 November November December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoY) Core CPI (YoY) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations	October December	3.1% 4.0% 		3.2% 4.0% 4.2% -79.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers	October October October October October	5.50% -0.3% -4.5% -0.1% -0.1% 1.1% 10 9		5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10	initial Jobless Claims (k) Continuing Claims (k) Retail sales (MoM) Retail sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK BoE announces its intervention rate When the continuing the	December 2 November November December 14 December 14	221 -0.1% -0.1% 4.00% 4.50%	4.00%	220 1861 -0.1% 0.1% 4.00% 4.50%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations	November October December December	3.1% 4.0% -75.5 8.8		3.2% 4.0% 4.2% -79.8 9.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAM Tankan - large manufacturers current index Tankan - large manufacturers outlook index	October October October October October	5.50% -0.3% -4.5% -0.1% -0.1% 1.1% 10		5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK BoE announces its intervention rate Monday 18	December 2 November November December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoY) Core CPI (YoY) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations	October December	3.1% 4.0% -75.5 8.8		3.2% 4.0% 4.2% -79.8 9.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Retail sales (YoY)	October October October October October Q4:23 Q4:23	5.50% -0.3% -4.5% -0.1% -0.1% 1.1% 10 9		5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Boc announces its intervention rate UK White Moday 18 US NAHB housing market confidence index	December 2 November November December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing	November October December December	3.1% 4.0% -75.5 8.8		3.2% 4.0% 4.2% -79.8 9.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index	October October October October October Q4:23 Q4:23	5.50% -0.3% -4.5% -0.1% -0.1% 1.1% 10 9		5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Boc announces its intervention rate UK White Moday 18 US NAHB housing market confidence index	December 2 November November December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI	November October December December	3.1% 4.0% -75.5 8.8	A	3.2% 4.0% 4.2% -79.8 9.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Retail sales (YoY)	October October October October October Q4:23 Q4:23	5.50% -0.3% -4.5% -0.1% -0.1% 1.1% 10 9		5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Boc announces its intervention rate UK White Moday 18 US NAHB housing market confidence index	December 2 November November December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoV) Core CPI (YoY) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Empire Manufacturing	November October December December	3.1% 4.0% -75.5 8.8 \$ 49.1 2.0	A	3.2% 4.0% 4.2% -79.8 9.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Retail sales (YoY) Aggregate Financing (RMB bn)	October October October October October Q4:23 Q4:23	5.50% -0.3% -4.5% -0.1% -0.1% 1.1% 10 9 \$ 5.7% 12.5% 22595.0		5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK BOE announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY	December 2 November November 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoY) Core CPI (YoY) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Empire Manufacturing Industrial Production (MoM)	October December December December December December December November	3.1% 4.0% -75.5 8.8 \$ 49.1 2.0 0.3%	A	3.2% 4.0% 4.2% -79.8 9.8 P 49.4 9.1 -0.6%	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Noney Supply MO (YoY)	October October October October October Q4:23 Q4:23 November November November November November November	5.50% -0.3% -4.5% -0.1% -0.1% -0.1% 1.19 5 5.7% 12.5% 2595.0 1300.0	A	5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bos announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December 2 November November December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Empire Manufacturing Industrial Production (MoM)	November October December December	3.1% 4.0% -75.5 8.8 \$ 49.1 2.0	A	3.2% 4.0% 4.2% -79.8 9.8	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Retail sales (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Money Supply MO (YoY) Money Supply MI (YoY)	October October October October October October October O4:23 Q4:23	5.50% -0.3% -4.5% -0.1% -0.1% 1.1% 10 9 \$ 5.7% 12.5% 22595.0		5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bod announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator	December 2 November November December 14 December 14 December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Empire Manufacturing Industrial Production (MoM) EURO AREA HCOB Eurozone Manufacturing	October December December December December December December November	3.1% 4.0% -75.5 8.8 \$ 49.1 2.0 0.3%	A	3.2% 4.0% 4.2% -79.8 9.8 P 49.4 9.1 -0.6%	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Noney Supply MO (YoY)	October October October October October October Q4:23 Q4:23 November	5.50% -0.3% -4.5% -0.1% -0.1% 1.176 -0.19	A	5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4 10.2% 1.9%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bos announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December 2 November November December 14 December 14 December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Industrial Production (MoM) EURO AREA HCOB Eurozone Manufacturing PMI HCOB Eurozone Manufacturing	October December	3.1% 4.0% -75.5 8.8 49.1 2.0 0.3% 44.5 48.0	A	3.2% 4.0% 4.2% -79.8 9.8 9.1 -0.6% 44.2 47.6	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Money Supply M0 (YoY) Money Supply M0 (YoY) Money Supply M1 (YoY) Money Supply M2 (YoY) JAPAN	October October October October October Q4:23 Q4:23 November	5.50% -0.3% -4.5% -0.1% -0.1% 1.176 -0.19	A	5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4 10.2% 1.9%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bos announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December 2 November November December 14 December 14 December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Empire Manufacturing Industrial Production (MoM) EURO AREA PMI	October December December December December December December December December December	3.1% 4.0% -75.5 8.8 5 49.1 2.0 0.3% 44.5	A	3.2% 4.0% 4.2% -79.8 9.8 9.8 49.4 9.1 -0.6% 44.2	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAM Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Retail sales (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Money Supply M0 (YoY) Money Supply M1 (YOY)	October October October October October October Q4:23 Q4:23 November	5.50% -0.3% -4.5% -0.1% -0.1% 1.176 -0.19	A	5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4 10.3%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bos announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December 2 November November December 14 December 14 December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Industrial Production (MoM) EURO AREA HCOB Eurozone Manufacturing PMI HCOB Eurozone Composite PMI HCOB Eurozone Services PMI	October December	3.1% 4.0% -75.5 8.8 \$ 49.1 2.0 0.3% 44.5 48.0 49.0	A	3.2% 4.0% 4.2% -79.8 9.8 P 49.4 9.1 -0.6% 44.2 47.6 48.7	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Money Supply M0 (YoY) Money Supply M0 (YoY) Money Supply M1 (YoY) Money Supply M2 (YoY) JAPAN	October October October October October Q4:23 Q4:23 November	5.50% -0.3% -4.5% -0.1% -0.1% 1.176 -0.19	A	5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4 10.3%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bos announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December 2 November November December 14 December 14 December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoY) Core CPI (YoY) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Empire Manufacturing Industrial Production (MoM) EURO AREA HCOB Eurozone Manufacturing PMI HCOB Eurozone Composite PMI HCOB Eurozone Services PMI Trade Balance SA (€ bn)	December	3.1% 4.0% -75.5 8.8 49.1 2.0 0.3% 44.5 48.0 49.0 	A	3.2% 4.0% 4.2% -79.8 9.8 9.8 49.4 41.6 44.2 47.6 48.7 9.2	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Money Supply M0 (YoY) Money Supply M0 (YoY) Money Supply M1 (YoY) Money Supply M2 (YoY) JAPAN	October October October October October Q4:23 Q4:23 November	5.50% -0.3% -4.5% -0.1% -0.1% 1.176 -0.19	A	5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4 10.3%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bos announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December 2 November November December 14 December 14 December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Empire Manufacturing Industrial Production (MoM) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI Trade Balance SA (€ bn) UK S&P Global / CIPS UK PMI	October December December December December December December December December December	3.1% 4.0% -75.5 8.8 \$ 49.1 2.0 0.3% 44.5 48.0 49.0	A	3.2% 4.0% 4.2% -79.8 9.8 P 49.4 9.1 -0.6% 44.2 47.6 48.7	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Money Supply M0 (YoY) Money Supply M0 (YoY) Money Supply M1 (YoY) Money Supply M2 (YoY) JAPAN	October October October October October Q4:23 Q4:23 November	5.50% -0.3% -4.5% -0.1% -0.1% 1.176 -0.19	A	5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4 10.3%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bos announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December 2 November November December 14 December 14 December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Empire Manufacturing Industrial Production (MoM) EURO AREA HCOB Eurozone Manufacturing PMI HCOB Eurozone Composite PMI HCOB Eurozone Services PMI Trade Balance SA (€ bn) UK	October December	3.1% 4.0% -75.5 8.8 49.1 2.0 0.3% 44.5 48.0 49.0 	A	3.2% 4.0% 4.2% -79.8 9.8 9.4 9.1 1-0.6% 44.2 47.6 48.7 9.2	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Money Supply M0 (YoY) Money Supply M0 (YoY) Money Supply M1 (YoY) Money Supply M2 (YoY) JAPAN	October October October October October Q4:23 Q4:23 November	5.50% -0.3% -4.5% -0.1% -0.1% 1.176 -0.19	A	5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4 10.3%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bos announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December 2 November November December 14 December 14 December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoV) Core CPI (YoV) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Empire Manufacturing Industrial Production (MoM) EURO AREA HCOB Eurozone Manufacturing PMI HCOB Eurozone Composite PMI HCOB Eurozone Services PMI Trade Balance SA (€ bn) UK S&P Global / CIPS UK PMI Manufacturing SA	December	3.1% 4.0% -75.5 8.8 49.1 2.0 0.3% 44.5 48.0 49.0 	A	3.2% 4.0% 4.2% -79.8 9.8 9.8 49.4 41.6 44.2 47.6 48.7 9.2	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Money Supply M0 (YoY) Money Supply M0 (YoY) Money Supply M1 (YoY) Money Supply M2 (YoY) JAPAN	October October October October October Q4:23 Q4:23 November	5.50% -0.3% -4.5% -0.1% -0.1% 1.176 -0.19	A	5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4 10.3%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bos announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December 2 November November December 14 December 14 December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoY) Core CPI (YoY) UK ILO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US S&P Global US Manufacturing PMI Empire Manufacturing Industrial Production (MoM) EURO AREA HCOB Eurozone Manufacturing PMI HCOB Eurozone Services PMI Trade Balance SA (€ bn) UK S&P Global / CIPS UK PMI Manufacturing SAP Global / CIPS UK PMI Manufacturing SA S&P Global / CIPS UK Services	October December	3.1% 4.0% -75.5 8.8 49.1 2.0 0.3% 44.5 48.0 49.0 	A	3.2% 4.0% 4.2% -79.8 9.8 9.4 9.1 1-0.6% 44.2 47.6 48.7 9.2	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Money Supply M0 (YoY) Money Supply M0 (YoY) Money Supply M1 (YoY) Money Supply M2 (YoY) JAPAN	October October October October October Q4:23 Q4:23 November	5.50% -0.3% -4.5% -0.1% -0.1% 1.176 -0.19	A	5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4 10.3%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bos announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December 2 November November December 14 December 14 December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%
CPI (YoY) Core CPI (YoY) UK UK ULO Unemployment Rate GERMANY ZEW survey current situation ZEW survey expectations Friday 15 US SSEP Global US Manufacturing PMI Empire Manufacturing Industrial Production (MoM) EURO AREA HCOB Eurozone Manufacturing PMI HCOB Eurozone Composite PMI HCOB Eurozone Services PMI Trade Balance SA (€ bn) UK SRP Global / CIPS UK PMI Manufacturing SA SRP Global / CIPS UK Services	October December	3.1% 4.0% -75.5 8.8 49.1 2.0 0.3% 44.5 48.0 49.0 	A	3.2% 4.0% 4.2% -79.8 9.8 9.4 9.1 1-0.6% 44.2 47.6 48.7 9.2	Fed announces its intervention rate EURO AREA Industrial Production (sa, MoM) Industrial Production (wda, YoY) UK GDP (MoM) Industrial Production (MoM) Industrial Production (MoM) Industrial Production (YoY) JAPAN Tankan - large manufacturers current index Tankan - large manufacturers outlook index CHINA Industrial production (YoY) Aggregate Financing (RMB bn) New Yuan Loans (RMB bn) Money Supply M0 (YoY) Money Supply M0 (YoY) Money Supply M1 (YoY) Money Supply M2 (YoY) JAPAN	October October October October October Q4:23 Q4:23 November	5.50% -0.3% -4.5% -0.1% -0.1% 1.176 -0.19	A	5.50% -1.1% -6.9% 0.2% 0.0% 1.5% 9 10 P 4.6% 7.6% 1845.2 738.4 10.3%	Initial Jobless Claims (k) Continuing Claims (k) Retail Sales (MoM) Retail Sales ex-autos (MoM) EURO AREA ECB announces its deposit facility rate ECB announces its intervention rate UK Bos announces its intervention rate Monday 18 US NAHB housing market confidence index GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December 2 November November December 14 December 14 December 14 December 14 December 14	221 -0.1% -0.11% 4.00% 4.50% 5.25%	 4.00% 4.50%	220 1861 -0.1% 0.1% 4.00% 4.50% 5.25%



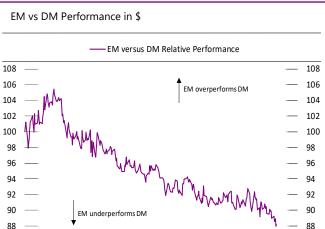
Developed N	/larkets	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)	Emerging Markets	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)
US	S&P 500	4604	0.2	19.9	16.2	-2.1	MSCI Emerging Markets	59194	-0.6	3.0	1.2	-16.1
Japan	NIKKEI 225	32308	-3.4	23.8	17.2	11.9	MSCI Asia	896	-0.7	2.4	0.2	-17.1
UK	MSCI UK	2164	0.2	0.9	0.7	4.7	China	55	-3.5	-14.7	-15.1	-36.1
Euro area	EuroStoxx	472	2.0	15.2	12.3	0.2	Korea	779	0.6	16.2	9.4	-15.1
Germany	DAX 40	16759	2.2	20.4	17.5	6.8	MSCI Latin America	95055	-0.2	7.7	6.6	2.1
France	CAC 40	7527	2.5	16.3	13.2	7.3	Brazil	318335	-0.8	7.8	9.4	0.4
Italy	MSCI Italy	966	1.7	27.7	25.6	15.0	Mexico	50443	1.0	12.0	6.1	5.8
Spain	IBEX-35	10223	8.0	24.2	24.3	20.6	MSCI Europe	3766	0.0	33.8	42.0	-45.4
Hong Kong	Hang Seng	16334	-2.9	-17.4	-16.0	-31.9	Russia	3080	-2.0	43.0	41.0	-18.4
Greece	ASE	1275	-0.4	37.1	39.3	42.8	Turkey	8110459	-1.0	50.6	70.9	261.8

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	237.8	-3.1	-3.3	-0.6	34.1	Growth	4452.7	0.5	31.3	25.8	-8.0
Materials	324.7	-1.2	4.5	1.3	-7.4	Value	3227.2	-0.1	4.0	3.1	-2.7
Industrials	343.1	0.4	14.7	12.9	-1.3	Large Cap	1927.8	0.2	18.8	15.6	-3.0
Consumer Discretionary	377.2	1.1	29.5	21.9	-15.7	Small Cap	494.5	0.5	6.4	4.6	-14.6
Consumer Staples	262.1	-0.8	-2.8	-4.5	-6.4	US Growth	2943.9	0.3	24.7	19.1	-12.7
Healthcare	339.7	0.0	-1.6	-3.6	-3.9	US Value	1646.1	0.1	14.7	12.8	9.4
Financials	141.3	0.4	7.9	8.1	-4.7	US Large Cap	4604.4	0.2	19.9	16.2	-2.1
IT	579.7	0.6	47.3	39.3	1.3	US Small Cap	1220.2	1.3	5.4	1.7	-12.9
Telecoms	92.7	1.2	39.1	35.6	-13.6	US Banks	326.4	1.4	-0.5	0.1	-22.9
Utilities	146.8	0.5	-3.9	-4.2	-6.9	EA Banks	119.3	2.0	24.4	29.0	22.0
Real Estate	960.3	0.0	0.4	-1.9	-24.3	Greek Banks	1030.3	-3.6	60.8	64.7	78.3

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	4.23	4.22	3.88	3.49	2.30	US Treasuries 10Y/2Y	-50	-33	-54	-82	72
Germany	2.26	2.38	2.53	1.80	0.54	US Treasuries 10Y/5Y	-1	8	-13	-21	36
Japan	0.77	0.71	0.42	0.25	0.18	Bunds 10Y/2Y	-40	-31	-16	-21	61
UK	3.99	4.16	3.66	3.06	1.65	Bunds 10Y/5Y	4.0	10.0	-0.4	-1	44
Greece	3.45	3.60	4.59	3.84	4.80						
Ireland	2.59	2.75	3.06	2.25	1.11	Corporate Bond Spreads	Current	Last week	Year Start	One Year	10-year
Italy	4.03	4.11	4.64	3.68	2.19	(in bps)	Current	Last week	rear Start	Back	average
Spain	3.28	3.37	3.61	2.81	1.60	US IG	110	111	138	138	131
Portugal	2.92	3.01	3.57	2.71	2.13	US High yield	375	387	481	455	444
EM	4.88	4.93	5.04	5.05	4.65	Euro area IG	142	145	167	171	122
						Euro area High Yield	420	435	498	514	402
IIC Mautaga Maukat	Current	Last week	Voor Ctort	One Year	10-year	EM	248	263	295	308	316
US Mortgage Market	Current	Last week	Year Start	Back	average	EUR Senior Financial	170	173	204	211	N/A
30-Year FRM ¹ (%)	7.17	7.37	6.42	6.41	4.42	EUR Subordinated Financial	273	282	311	320	N/A
vs 30Yr Treasury (bps)	285.1	292.9	240.1	285.6	158.9	EUR AT1	673	697	718	721	N/A

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	1.08	-0.6	0.6	2.1	0.9	Agricultural	397	-0.2	-1.1	-11.9	-15.6
EUR/CHF	0.95	0.2	-1.5	-4.1	-4.1	Energy	244	-4.1	-5.8	-6.8	-15.3
EUR/GBP	0.86	0.1	-1.5	-0.5	-3.2	West Texas Oil (\$/bbl)	71	-3.8	-5.4	-0.3	-11.3
EUR/JPY	155.62	-2.7	-3.7	8.1	10.5	Crude brent Oil (\$/bbl)	76	-3.9	-4.7	-0.4	-11.7
EUR/NOK	11.72	0.9	-2.2	11.4	11.5	HH Natural Gas (\$/mmbtu)	2.6	-8.4	18.3	-46.2	-26.8
EUR/SEK	11.26	-0.5	-3.4	3.2	1.3	TTF Natural Gas (EUR/mwh)	39	-11.3	-15.7	-72.2	-49.4
EUR/AUD	1.63	0.1	-2.0	4.9	3.9	Industrial Metals	401	-2.7	-2.1	-13.6	-11.1
EUR/CAD	1.46	-0.1	-1.0	2.1	1.2	Precious Metals	2611	-4.2	2.4	10.7	9.0
USD-based cross rates						Gold (\$)	2004	-3.3	2.7	12.0	9.8
USD/CAD	1.36	0.5	-1.6	0.0	0.3	Silver (\$)	23	-9.6	1.9	-0.3	-4.1
USD/AUD	1.52	0.8	-2.6	2.7	3.0	Baltic Dry Index	2483	-22.2	62.3	79.3	63.9
USD/JPY	144.51	-2.1	-4.2	5.9	9.5	Baltic Dirty Tanker Index	1129	-3.7	-20.7	-46.0	-39.7





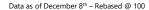
Jul-23

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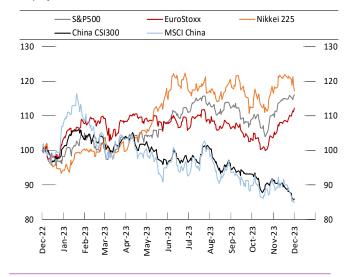


Oct-23

Se p-

Nov-23 Dec-23 86

Equity Market Performance



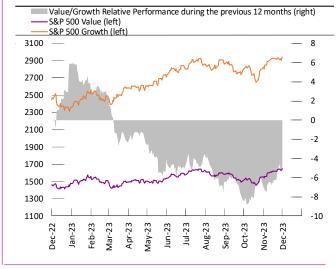
Data as of December 8th - Rebased @ 100

S&P 500 Value & Growth Index

86

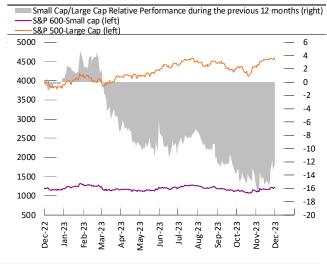
Dec-22

Jan-23 Feb-23



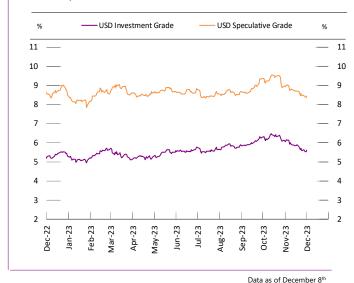
Data as of December 8th

S&P 500 & S&P 600 Index

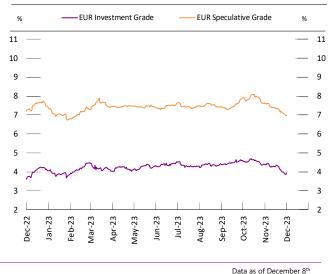


Data as of December 8th

USD Corporate Bond Yields

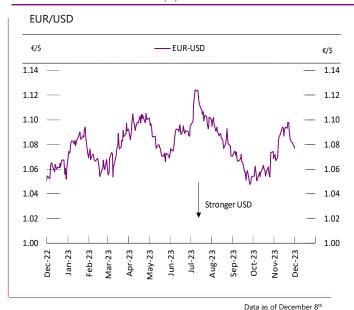


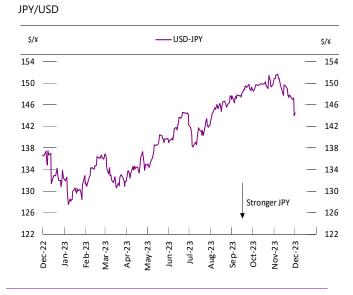
EUR Corporate Bond Yields



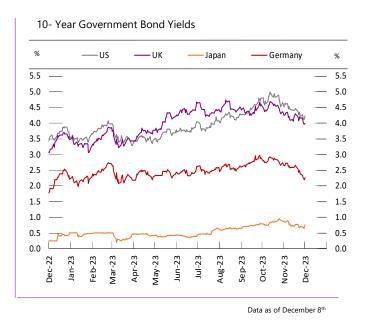
Data as of December 8th

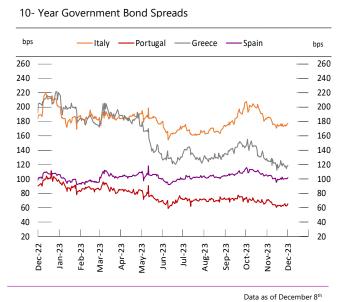


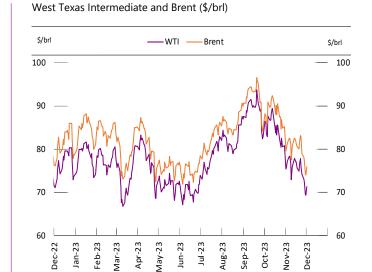


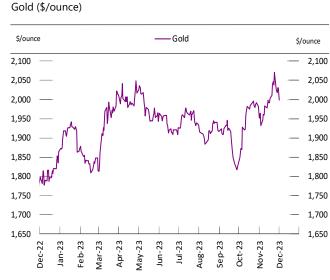


Data as of December 8th









Data as of December 8th

Data as of December 8th

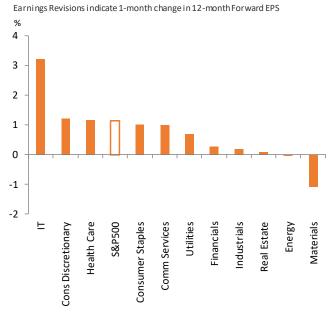


US Sectors Valuation

		Price (\$)		EPS Gro	wth (%)	Dividend Yield (%)				P/E Ratio				P/BV Ratio			
	8/12/23	% Weekly Change	%YTD	2023	2024	2023	2024	2023	2024	12m fwd	20Yr Avg	2023	2024	Current	20Yr Avg		
S&P500	4604	0.2	19.9	1.7	11.8	1.5	1.6	21.0	18.8	18.9	15.8	4.3	3.9	4.3	2.9		
Energy	623	-3.3	-7.3	-26.7	4.5	3.7	3.6	10.8	10.3	10.4	15.1	2.0	1.9	2.0	2.0		
Materials	514	-1.7	5.0	-23.2	3.5	2.1	2.2	19.0	18.3	18.4	15.1	2.7	2.6	2.7	2.8		
Financials																	
Diversified Financials	1039	-0.5	8.6	1.5	11.0	1.4	1.5	19.6	17.6	17.8	15.9	2.7	2.5	2.7	2.3		
Banks	326	1.4	-0.5	12.3	-5.1	3.4	3.5	9.2	9.7	9.7	11.7	1.1	1.0	1.1	1.2		
Insurance	646	-0.9	8.5	18.8	22.7	1.7	1.9	15.2	12.4	12.6	11.2	2.3	2.1	2.3	1.4		
Real Estate	237	-0.3	1.9	0.9	2.7	3.8	3.9	17.0	16.5	16.6	18.6	2.7	2.9	2.7	2.7		
Industrials																	
Capital Goods	967	0.7	10.7	19.1	12.5	1.6	1.7	20.7	18.4	18.6	16.1	5.0	4.5	5.0	3.6		
Transportation	966	-0.1	6.5	0.2	9.2	2.1	2.2	16.3	14.9	N/A	14.9	4.8	4.2	4.8	3.7		
Commercial Services	559	-1.5	15.0	10.7	11.3	1.3	1.4	29.2	26.2	26.4	21.7	8.9	7.9	8.9	4.9		
Consumer Discretionary																	
Retailing	3742	0.5	35.9	69.2	15.7	0.6	0.7	33.4	28.9	29.2	23.1	11.1	8.5	11.1	8.1		
Consumer Services	1571	1.0	23.7	220.9	10.8	1.1	1.2	23.8	21.5	N/A	28.4	126.5	66.8	N/A	13.6		
Consumer Durables	425	3.3	14.8	-8.9	7.7	1.2	1.2	17.1	15.9	16.0	16.8	3.8	3.4	3.8	3.3		
Automobiles and parts	132	2.1	69.3	-10.3	7.9	0.3	0.4	30.1	27.8	N/A	11.5	4.8	4.0	4.8	2.3		
IT																	
Technology	3573	2.0	42.0	0.6	8.1	0.7	0.8	27.6	25.5	25.6	16.0	17.6	15.5	17.6	5.9		
Software & Services	4199	-0.4	47.7	12.0	13.4	0.7	0.8	33.1	29.2	29.4	18.7	10.7	8.6	10.7	6.4		
Semiconductors	2993	1.1	80.3	2.4	32.5	0.9	1.0	29.6	22.4	22.8	17.9	7.2	6.4	7.2	3.8		
Communication Services	237	1.4	49.0	27.5	16.7	0.7	0.8	19.5	16.7	16.9	17.5	3.6	3.2	3.6	2.9		
Media	964	1.5	59.1	34.1	19.8	0.2	0.2	22.6	18.9	19.1	21.3	4.3	3.7	4.3	3.2		
Consumer Staples																	
Food & Staples Retailing	658	0.3	6.1	1.3	6.3	1.6	1.6	22.5	21.2	21.3	17.2	4.9	4.5	4.9	3.7		
Food Beverage & Tobacco	785	-1.0	-9.0	3.4	4.9	3.5	3.6	17.1	16.3	16.4	17.0	4.7	4.3	4.7	4.7		
Household Goods	789	-3.6	-8.6	6.2	7.6	2.6	2.8	23.4	21.7	21.8	19.7	8.3	8.0	8.3	6.1		
Health Care																	
Pharmaceuticals	1224	0.4	-5.5	-34.6	29.8	2.0	2.1	22.1	17.1	17.4	14.6	5.5	4.9	5.5	4.1		
Healthcare Equipment	1849	-0.1	0.0	3.8	8.6	1.2	1.3	18.9	17.4	17.5	15.8	3.8	3.5	3.8	3.1		
Utilities	320	-0.3	-10.9	5.9	8.3	3.5	3.7	17.0	15.7	15.8	15.5	1.9	1.8	1.9	1.8		

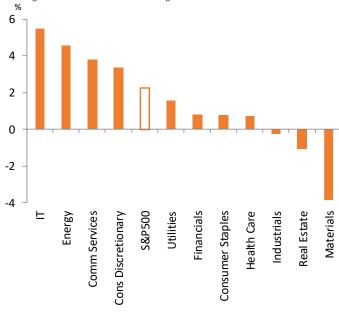
Blue box indicates a value more than +2standard devation from average, light blue a value more than +1standard devation from average. Orange box indicates a value less than -2standard devation from average, light orange a value less than -1standard devation from average.

1-month revisions to 12-month Forward EPS



3-month revisions to 12-month Forward EPS

 $Earnings\ Revisions\ indicate\ 3-month\ change\ in\ 12-month\ Forward\ EPS$



Data as of December 8^{th} 12-month forward EPS are 6% of 2023 EPS and 94% of 2024 EPS

Data as of December 8th



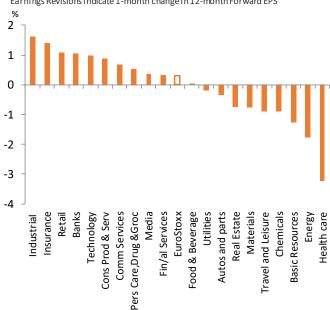
Euro Area Sectors Valuation

		Price (€)		EPS Gro	wth (%)	Dividend	Yield (%)		P/I	E Ratio			P/E	BV Ratio	
	8/12/23	% Weekly Chang	e %YTD	2023	2024	2023	2024	2023	2024	12m fwd	20Yr Avg	2023	2024	Current	20Yr Avg
EuroStoxx	472	2.0	15.2	4.2	5.0	3.3	3.5	13.2	12.6	12.6	13.1	1.7	1.6	1.7	1.6
Energy	352	-1.0	1.6	-30.4	2.7	5.1	5.2	7.5	7.3	7.3	11.1	1.2	1.1	1.2	1.5
Materials	1005	1.8	9.0	-45.4	12.8	3.2	3.4	16.4	14.5	14.6	13.4	1.3	1.3	1.3	1.6
Basic Resources	215	1.5	-4.0	-52.6	1.6	3.0	3.1	9.3	9.2	9.2	10.3	0.6	0.6	0.6	0.9
Chemicals	1495	1.8	11.6	-41.5	18.1	3.3	3.4	19.7	16.7	16.9	14.3	1.7	1.7	1.7	2.1
Financials															
Banks	119	2.0	24.4	34.1	3.2	7.3	7.7	6.4	6.2	6.3	9.8	0.7	0.7	0.7	0.9
Insurance	356	2.2	15.9	41.4	13.6	5.1	5.5	10.1	8.9	9.0	9.4	1.5	1.3	1.5	1.0
Financial Services	545	2.0	11.9	31.2	-20.2	3.2	3.4	9.0	11.3	11.1	15.3	1.2	1.2	1.2	1.3
Real Estate	141	2.0	7.2	-4.1	-1.4	4.5	5.2	11.8	12.0		16.2	0.7	8.0		1.0
Industrials															
Industrial Goods & Services	1115	2.8	15.9	12.0	12.4	2.4	2.6	18.0	16.0	16.1	15.3	2.6	2.4	2.6	2.4
Construction & Materials	597	2.4	29.3	4.0	5.9	3.4	3.6	13.1	12.4	12.4	13.5	1.7	1.6	1.7	1.6
Consumer Discretionary															
Retail	676	-1.1	31.9	18.5	11.2	3.8	4.3	22.3	20.0	20.2	22.5	5.4	5.0	5.4	5.5
Automobiles and parts	617	4.3	21.8	1.3	-5.2	5.1	5.1	6.0	6.3	6.3	8.4	0.9	8.0		1.1
Travel and Leisure	222	3.6	21.1	60.3	10.5	1.8	2.6	12.4	11.2	N/A	N/A	2.4	2.1	2.4	2.0
Consumer Products & Services	498	3.6	16.7	10.8	14.4	1.5	1.7	30.8	26.9	27.2	21.4	6.3	5.5		3.7
Media	320	1.5	22.7	17.0	8.8	2.3	2.5	21.2	19.5	19.6	15.5	3.5	3.3		2.0
Technology	948	1.5	32.7	29.7	10.5	1.0	1.1	25.1	22.8	22.9	21.0	4.4	3.9	4.4	3.5
Consumer Staples															
Food, Beverage & Tobacco	163	1.4	-1.2	-7.8	13.5	2.1	2.4	19.9	17.6	17.7	17.8	1.9	1.8	1.9	2.6
Personal Care, Drug & Grocery	176	2.5	5.3	-5.2	11.5	2.5	2.6	16.4	14.7	14.8	16.2	2.2	2.1	2.2	2.6
Health care	742	0.7	-4.5	-8.3	6.6	2.6	2.7	16.1	15.1	15.2	15.0	1.8	1.7	1.8	2.1
Communication Services	288	0.0	10.1	-5.9	11.1	4.1	4.4	15.0	13.5	13.6	13.2	1.4	1.4	1.4	1.9
Utilities	392	2.3	12.1	9.3	-7.2	5.0	5.0	11.9	12.8	12.7	13.2	1.7	1.7	1.7	1.5

Blue box indicates a value more than +2standard devation from average, light blue a value more than +1standard devation from average, light varied evation from average evation f 1standard devation from average

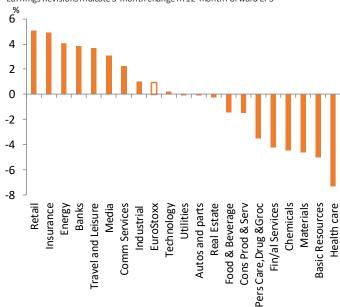
1-month revisions to 12-month Forward EPS

 ${\sf Earnings\,Revisions\,indicate\,1-month\,change\,in\,12-month\,Forward\,EPS}$



3-month revisions to 12-month Forward EPS

 $Earnings\ Revisions\ indicate\ 3-month\ change\ in\ 12-month\ Forward\ EPS$





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