Global Markets Roundup



National Bank of Greece | Economic Analysis & Research Division | November 7, 2023

Central banks have probably hit peak interest rates

- The Federal Reserve maintained for a 2nd consecutive meeting the target range of the Federal Funds Rate (FFR) at 5.25% 5.50%, as expected. Recall that the median "dot plot" back in September 2023 suggested one more hike by year-end. However, in the press conference, Chair Powell did not appear to robustly defend a rate increase in the last remaining meeting of 2023.
- According to Mr. Powell, significant progress has been made in the effort to bring down inflation.
 While the Fed statement still refers to "additional policy firming", risks regarding the future short-term path of interest rates (higher or stable) are becoming more balanced. All in, swap markets are pricing a c. 90% probability that the Fed will leave rates unchanged at its December 13th meeting.
- The latest labor market trends, if sustained, would advocate in favor of the Fed standing pat. US headline job creation came out below expectations, wage inflation decelerated further, and the unemployment rate ticked up to (a still low) 3.9%, up by 0.5 pps in the past six months (see Economics).
- The Bank of England also maintained for a 2nd consecutive meeting the Bank Rate at 5.25%, as expected. Futures pricing suggests that investors anticipate the hiking cycle to have ended, with BoE Governor Bailey though pushing back against expectations for cuts any time soon.
- The lower likelihood for an aggressive Fed, pushed equities and bonds simultaneously higher. The S&P500 recorded its strongest weekly gain in a year (+5.9% wow | +14% ytd). The gains were broad-based, with the S&P500 equally-weighted index rising also by +5.9% (0% ytd). On the other side of the Atlantic, European equities increased by +3.4% (+5% ytd).
- Government bonds rallied in the past week, due to (i) increased expectations that the hiking cycle from major central banks has concluded; (ii) slightly less-than-expected US Treasury borrowing needs for Q4 and (iii) less-aggressive-than-expected Yield Curve Control (YCC) adjustments by the Bank of Japan.
- The yield on the US 10-year sovereign bond decreased by 30 bps wow to 4.52% and the 10-year Bund yield declined by -18 bps wow to 2.65%, while euro area periphery bond spreads narrowed. Nevertheless, volatility in bond markets continues in the current week.
- Investors keep an eye on the US federal budget saga. If further government funding is not passed from the legislature by November 17th, a partial federal government shutdown is likely. The return to a sustainable fiscal path remains an important challenge for US policymakers, particularly with Presidential Elections looming in November 2024.
- The federal budget deficit stood at -6.3% of GDP in FY:2023 versus a 40-year average of -3.9%. The actual deficit in FY:2023 was larger than the Congressional Budget Office's estimates back in June 2023 (-5.8% of GDP). According to CBO forecasts, the deficit is expected to average -5.4% from FY:2024 to FY:2028, with the federal debt held rising to 105% from 98% in FY:2023. At the general government level, the IMF projects an average deficit of -7.1% of GDP from calendar year 2024 to 2028 (from -8.2% in 2023), with the debt at 138% of GDP from 123% in 2023.

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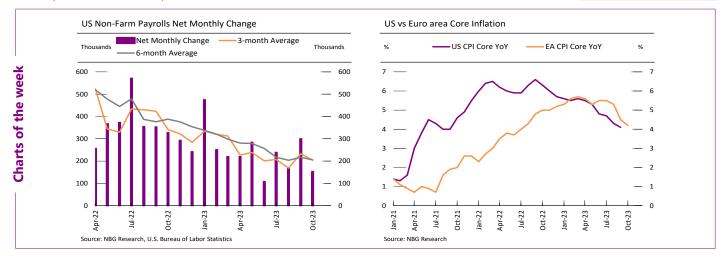
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US headline job creation was below expectations in October

- Headline job creation, undershot consensus estimates in October. Specifically, non-farm payrolls were up by +150k, from +297k in September. The latest reading is compared with consensus estimates for +180k. In addition, substantial negative net revisions for the previous two months took place (-101k, cumulatively). In all, the 3-month average stood at +204k in October from +233k in September, a still resilient outcome by historical standards (monthly average of +91k since 2000). Note also that October's reading was distorted to the downside by the United Auto Workers strike, which led employment down by -33k in the motor vehicles & parts segment of the manufacturing sector (according to the Bureau of Labor Statistics methodology, those on strike during the survey period, are not counted as employed). In a contrarian note, the most notable gains sector-wise in October, occurred in health care (+58k) and government (+51k).
- Total household employment, including the self-employed and agricultural workers, fell by -348k in October from +86k in September. As a result, the unemployment rate increased to 3.9%, from 3.8% in September, versus consensus estimates for a roughly stable reading. The latest outcome is a 21-month high (trough of 3.4% in April, the lowest since May 1969). Recall also that the increase in the unemployment rate could have been slightly more profound, hadn't it been for a decrease in the labor force participation rate, by -0.1 pp to 62.7%. 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, increased by +0.2 pps to 7.2% in October, broadly as expected.
- The impetus for average hourly earnings eased somewhat in October. In the event, the monthly growth was +0.2% mom, versus consensus estimates for +0.3% mom (average of +0.25% mom since 2006), from an upward revised (by +0.1 pp) +0.3% mom in September. As a result, the annual growth decelerated to +4.1% from +4.3% in September and a peak of +5.9% in March 2022, albeit still well above an average of +3.0% yoy since 2007. Note also that the average weekly hours worked by total employees declined by -0.1 to 34.3 in October (average of 34.4 since 2006) suggesting somewhat fewer gains for workers' overall compensation. On the other hand, the Employment Cost Index (ECI) for Q3:2023 was slightly stronger-than-expected. Indeed, the ECI accelerated to +1.1% gog (seasonally adjusted) in Q3:2023 from +1.0% qoq in Q2:2023, versus consensus expectations for a stable performance. The wages & salaries component overperformed (+1.2% qoq), while its benefits peer increased by +0.9% gog). The annual rate of growth for ECI came out at +4.3% from +4.5% in Q2:2023 and +4.8% in Q1:2023.

US PMIs undershot expectations in October

• PMIs deteriorated meaningfully across sectors in October. In the event, the ISM manufacturing PMI fell to 46.7 from 49.0 in September, versus consensus estimates for a stable reading and remaining below the expansion/contraction threshold of 50.0 for a 12th consecutive month. The new orders index underperformed (-3.7 pts to 45.5). At the same time, the ISM services PMI decreased by -1.8 pts to 51.8 in October, a 5-month low, also undershooting consensus (for 53.0).

Nevertheless, it remained in expansionary territory for a 10th consecutive month, while at the same time, the new orders component overperformed (+3.7 pts to 55.5).

• Notably, on the prices front, sectoral divergence in pipeline pressures remains. In the event, the prices paid index stood at 45.1 in manufacturing and 58.6 in the services survey.

Euro area inflation eased further in October

- According to the "flash" estimate, the annual growth of CPI decelerated to +2.9% in October, the lowest since July 2021, from +4.3% in September and a record high of +10.6% yoy in October 2022. The outcome was below consensus estimates for +3.1% yoy. Energy prices fell by -1.1% mom (all figures in notseasonally adjusted terms). That development and, more so, sharp negative base effects resulted in the annual growth coming out at -11.1% (-1.5 pps contribution to the headline's year-over-year increase) from -4.6% in September. Note that European natural gas prices (in "spot" TTF terms) was €47/MWh on average in October 2023 versus €133/MWh in October 2022. The respective price for Brent crude oil (in euro terms) was 84/barrel in October 2023 versus 95/barrel in October 2022. Prices of food, alcohol & tobacco were up by a "norm-like" +0.2% mom in October (+0.2% mom on average since 1996). Given also strong negative effects (+1.5% mom in October 2022), the annual growth decelerated by -1.3 pps to +7.5% in October (+1.5 pps contribution to the headline figure).
- Core inflation, which excludes the effects of energy and food components, was also up by +0.2% on a monthly basis, somewhat below a 12-month average of +0.3% mom, albeit still above an average of +0.1% mom since 1996. Non-energy industrial goods led the monthly increase, up by +0.7% mom, albeit base effects (+1.2% mom in October 2022) resulted in the annual growth decelerating to +3.5% from 4.1% in September. At the same time, services prices were stable on a monthly basis, with the annual growth at +4.6% from +4.7%. In all, core CPI's annual growth decelerated by -0.3 pps to +4.2% yoy in October (record high of +5.7% in March 2023), in line with consensus estimates (contribution of +2.9 pps to the headline CPI year-over-year growth).

China's PMIs undershot expectations in October

PMIs re-entered contractionary territory in October in the manufacturing sector, while pointing to roughly stagnant activity in services. In the event, the Caixin manufacturing PMI decreased by -1.1 pts to 49.5, below consensus estimates for 50.8. In a similar note, the "official" manufacturing PMI, i.e. the one from the National Bureau of Statistics (NBS) of China, fell to 49.5 from 50.2 in September, versus expectations for a stable reading. At the same time, the official nonmanufacturing PMI declined by -1.1 pt, to 50.6 in October. The deterioration was due to both the services subindex (-0.8 pts to 50.1) and its construction peer (-2.7 pts to 53.5). Recall that the relatively more forward-looking index of New Orders significantly underperformed in both cases (46.2 and 49.2, respectively).



Equities

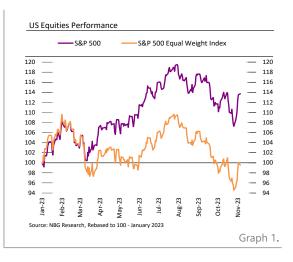
 Global equity markets rebounded significantly in the past week, due to, inter alia, a sharp decline in risk free rates. The S&P500 ended the week up by +5.9% (+14% ytd), recording its largest weekly increase since November 2022, bouncing out of the "correction territory" it entered on October 27th, defined as a decline of at least 10% from a recent high. Sector-wise, the IT sector overperformed (+6.8% wow), with AMD rising by +16.4% wow, following the better-than-expected earnings results in Q3:2023 (EPS of \$0.70 versus consensus estimates for \$0.68 from \$0.67 in the same quarter of 2022) and the rosy 2024 forecast, with the company expecting "Data Center GPU" segment's revenue at c. \$400 million in Q4:23, while surpassing \$2 billion in FY2024 (above estimates' range of \$1 billion - \$1.7 billion), with the new MI300 GPU (AI-capable) expected to be the fastest product to reach \$1 billion in sales in AMD history. Apple ended the week up by +5%, although it declined by -0.5% on Friday, as investors weighed better-than-expected EPS in Q3:2023 (\$1.46 versus consensus estimates for \$1.39 from \$1.29 in the same quarter of 2022) against a decline in revenues for a fourth straight quarter, the longest such streak since 2001 and a weak revenue guidance for the current quarter. Automobiles & Components increased by +5.5% wow, with General Motors rising by +9.4% wow, following the company's agreement with the United Auto Workers (UAW) union to end the 46-day strike. GM was the last of the "Detroit Three" to reach an agreement with UAW, following Ford and Stellantis. The agreements include, inter alia, a 25% base wage increase through April 2028. Meanwhile, the S&P500 Q3:2023 earnings period is turning out better-than-expected. Indeed, with 410 companies having reported results so far, 81% have surpassed analyst estimates, surpassing the average "beat rate" of 74% in the past 10 years. According to analysts' estimates, the annual earnings growth is expected to be +3.9% in Q3:2023 (+9.7% excluding the Energy sector) compared with +2.4 in the previous week and -0.3% before the start of the period, from -4.1% in the previous quarter (+2.9% excluding the Energy sector).

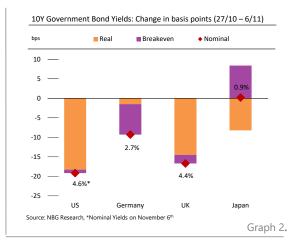


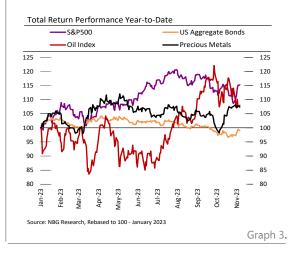
• Long-term government bond yields declined in the past week, amid rising expectations that the central banks' tightening cycle has ended. Specifically, the 10-Year US Treasury yield fell by -30 bps wow to 4.52%, recording the largest weekly decline since March, while its 2-year peer ended the week down by -15 bps wow to 4.87%, following the latest Federal Reserve meeting, where the Fed unanimously decided to keep policy rate unchanged at 5.25%-5.50% for a second consecutive meeting and Chair Powell comments were slightly more dovish than previously. Moreover, softer-than-expected macro data (ISM surveys, US labor market report) contributed also to the yield downside.

The US Treasury Department downwardly revised its estimate regarding the financing needs in Q4:2023 by \$80 billion than the previous estimate in July (to \$407 billion), while maintaining unchanged the end-of-quarter cash balance estimate at \$750 billion, providing some relief to investors' concerns regarding USTs supply. Recall that in the July's revision for Q3:2023, financing needs were upwardly revised by \$83 billion to \$521 billion than the May's initial estimate (actual needs for Q3 eventually were \$520 billion). Looking forward, for Q1:2024, the US Treasury expects financing needs of \$548 billion and a stable cash balance at the end of the quarter (\$750 billion).

Japanese bonds underperformed (see Graph 2), as the Bank of Japan left unchanged the short-term policy rate at -0.1% as well as the target for the 10-year Japanese government bond yield at "around zero", as expected. In a less anticipated move though, the BoJ will regard an upper "tolerance" bound of +1.0% for the target yield, versus ±0.5% previously. **Finally, corporate bond spreads narrowed significantly in the past week in the HY spectrum**. Indeed, USD HY bond spreads declined by -49 bps to 404 bps, and their EUR counterparts by -25 bps to 465 bps.





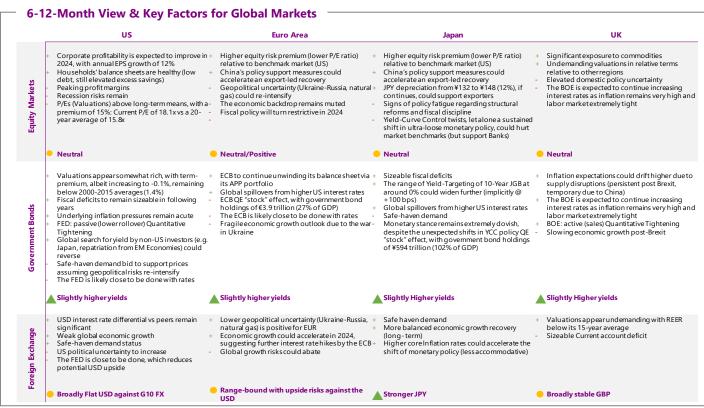


Quote of the week: "It's fair to say that's the question we're asking is, should we hike more... In September we wrote down one additional rate hike. But we'll write down another forecast, as you know, in December.", Chair of the Board of Governors of the Federal Reserve System, Jerome H. Powell, November 1st 2023



0-Yr Gov. Bond Yield (%)	November 3rd	3-month	6-month	12-month	Official Rate (%)	November 3rd	3-month	6-month	12-month
Germany	2,65	2,70	2,70	2,60	Euro area	4,00	4,00	4,00	4,00
US	4,52	4,40	4,30	4,20	US	5,50	5,75	5,75	5,50
UK	4,29	4,30	4,17	3,98	UK	5,25	5,35	5,35	5,10
Japan	0,91	0,73	0,73	0,86	Japan	-0,10	-0,10	-0,06	-0,01
Currency	November 3rd	3-month	6-month	12-month		November 3rd	3-month	6-month	12-month
EUR/USD	1,07	1,08	1,09	1,10	USD/JPY	149	147	144	139
EUR/GBP	0,87	0,87	0,88	0,88	GBP/USD	1,23	1,23	1,24	1,25
EUR/JPY	160	159	157	153					

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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	2,9	2,1	2,2
Real GDP Growth (QoQ saar) (2)	-	-2,0	-0,6	2,7	2,6	-	2,2	2,1	4,9	1,0	-
Private Consumption	8,4	0,0	2,0	1,6	1,2	2,5	3,8	0,8	4,0	1,4	2,5
Government Consumption	-0,3	-2,9	-1,9	2,9	5,3	-0,9	4,8	3,3	4,6	1,0	3,1
Investment	7,1	7,2	-0,2	-4,3	-5,4	1,3	3,1	5,2	0,8	1,6	0,2
Residential	10,7	-1,8	-14,1	-26,4	-24,9	-9,0	-5,3	-2,2	3,9	3,0	-10,9
Non-residential	5,9	10,7	5,3	4,7	1,7	5,2	5,7	7,4	-0,1	1,3	3,0
Inventories Contribution	0,2	-0,2	-1,9	-0,4	1,5	0,5	-2,2	-0,2	1,2	-0,3	-0,6
Net Exports Contribution	-1,3	-2,6	0,5	2,5	0,3	-0,5	0,6	0,1	-0,2	-0,1	0,7
Exports	6,3	-4,6	10,6	16,2	-3,5	7,0	6,8	-9,3	6,2	1,6	2,0
Imports	14,5	14,7	4,1	-4,8	-4,3	8,6	1,3	-7,6	5,7	1,8	-2,3
	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	20231
Real GDP Growth (YoY)	5,9	5,5	4,1	2,4	1,8	3,4	1,2	0,5	0,1	0,3	0,5
Real GDP Growth (QoQ saar)	-	2,8	3,3	1,4	-0,1	-	0,2	0,6	-0,4	0,4	-
Private Consumption	4,4	-0,1	3,7	4,0	-2,9	4,2	0,6	-0,1	0,4	1,0	0,4
Government Consumption	4,2	1,8	-0,8	-0,2	1,9	1,6	-2,3	1,5	0,5	1,1	0,0
Investment	3,7	-2,0	2,0	4,7	-1,0	2,8	1,7	0,3	0,8	0,8	1,2
Inventories Contribution	0,4	-0,2	0,5	0,5	-0,5	0,3	-2,0	1,9	-0,2	-0,3	-0,3
Net Exports Contribution	1,4	3,1	0,6	-2,1	1,8	0,0	2,0	-1,6	-0,1	-0,1	0,4
Exports	11,4	6,7	8,5	3,9	-0,6	7,4	-0,2	-3,7	1,8	1,3	0,6
Imports	9,1	0,6	8,0	9,0	-4,2	8,0	-4,2	-0,8	2,2	1,7	-0,2
Inflation	2.6	6.1	8.0	9.3	10.0	8.4	8.0	6,2	4,9	3,8	5,7





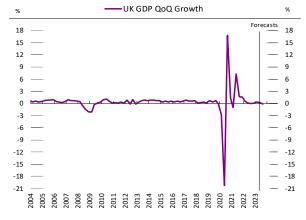
Economic Calendar

In the US, the consumer confidence index from the University of Michigan for November, will provide valuable insight regarding the current economic momentum.

In the euro area, attention turns to ECB, which will publish its economic bulletin on Thursday. Also, September's retail sales will provide information regarding the performance of private consumption.

In the UK, the main macro event next week is the estimate of GDP for Q3:23, which is released on Friday. GDP growth is expected at -0.1% qoq (+0.5% yoy) compared with +0.2% qoq (+0.6% yoy) in Q2:22. Also, industrial production for September is released on Friday (consensus for +1.1% yoy vs +1.3% yoy in the previous month).

UK GDP Growth and Consensus Forecasts



Source: NBG Research

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S&P Case/Shiller house price index 20 (YoY) Consumer Confidence Index EURO AREA GDP (QoQ) GDP (QoQ) GDP (YoY) CPI flash estimate (YoY) CPI Care flash estimate (YoY) GERMANY Retail sales (YoY) CHINA NBS manufacturing PMI Oct Thursday 02 US Initial Jobless Claims (k) Continuing Claims (k) Continuing Claims (k) Continuing Claims (k) Condinuing Claims (k) Continuing Claims (October Q3:23 Q3:23 October October eptember eptember October 28 October 21 Q3:23 eptember ovember 02	1.6% + 100.0 +	2.2% 102.6 -0.1% 2.9% 4.2% -0.8% -4.3% 49.5 A 217 1818 -0.8% 2.8%	0.2% 104.3 0.2% 0.5% 4.3% 4.5% -1.2% -2.3% 50.2 P 212 1783 3.2% 1.0%	Unemployment rate industrial Production (MoM) Industrial Production (YoY) Retail sales (MoM) Retail sales (MoM) Retail sales (YoY) Bank of Japan announces its intervention rate Construction Orders YoY Friday 03 US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (firs) Underemployment rate Labor Force Participation Rate EURO AREA	September September September September October 31 September October	2.6% 2.5% - 5.9% - -0.10% \$3.0 180 158 0.3% 4.0% 4 34.4 - 	2.6% - 0.2% -4.6% -0.1% -5.8% -0.10% -3.0%	2.7% -0.7% -0.7% -4.4% 0.2% 7.0% -0.10% -4.3% P P P S 3.8% 0.3% 4.3% 1.3% 1.3% 1.3% 1.3% 1.3% 1.3% 1.3% 1	ADP Employment Change (k) Construction spending ISM Manufacturing PMII Fed announces its intervention rate UK Nationwide House Px NSA YOY CHINA Caixin PMI Manufacturing Monday 06 UK S&P Global/CIPS UK	September October November 01 October October	150 0.4% 49.0 5.50% -4.8% 50.8	- 113 0.4% - 46.7 5.50% + -3.3% - 49.5	89 1.0% 49.0 5.50% -5.3% 50.6
index 20 (YoY) Au Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) QCPI flash estimate (YoY) GERMANY Retail sales (MoM) NBS manufacturing PMI Oct Thursday 02 US Initial Jobless Claims (k) Continuing Claims (k) Cotto Unit labor costs (QoQ, annualized) Factory Goods Orders (MoM) UK BoG announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (YoY) Oct CONSTRUCTION Septi	October Q3:23 Q3:23 October October eptember eptember October 28 October 21 Q3:23 eptember ovember 02	100.0 + 0.0% - 0.2% - 3.1% - 4.2%4.0%50.2 - \$ 210 - 1800 - 0.7% - 2.4% + 5.25%	102.6 -0.1% 0.1% 2.9% 4.2% -0.8% -4.3% 49.5	104.3 0.2% 0.5% 4.3% 4.5% -1.2% -2.3% 50.2 P 212 1783 3.2% 1.0%	Industrial Production (MoM) Industrial Production (YoY) Retail sales (MoM) Retail sales (MoM) Retail sales (YoY) Bank of Japan announces its intervention rate Construction Orders YoY Friday 03 US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average wedy hours (firs) Underemployment rate Labor Force Participation Rate EURO AREA	September September September September October 31 September October	2.5%	A - 0.2% -4.6% -0.1% - 5.8% -0.10% -3.0% -3.0% -3.0% -3.0% -4.1% -3.2% -0.2% +4.1% -3.4.3 -0.2% -3.4.3 -0.2% -3.4.3 -3.2% -62.7%	-0.7% -4.4% -0.2% 7.0% -0.10% -4.3% P P 53.6 297 246 3.8% 0.3% 4.3,4 4.7,0% 62.8%	Construction spending ISM Manufacturing PMI Fed announces its intervention rate UK Nationwide House Px NSA YOY CHINA Caixin PMI Manufacturing Monday 06 UK S&P Global/CIPS UK	September October November 01 October October	0.4% 49.0 5.50% -4.8% 50.8	0.4% - 46.7 5.50% + -3.3% - 49.5	1.0% 49.0 5.50% -5.3% 50.6
Consumer Confidence Index EURO AREA GDP (QoQ) GDP (YoY) CPI Core flash estimate (YoY) Oct PI Core flash estimate (YoY) GERMANY Retail sales (MoM) NBS manufacturing PMI Oct Thursday 02 US Initial Jobless Claims (k) Continuing Claims (k) Cotto Continuing Claims (k) Octo Continuing Claims (k) Octo Continuing Claims (k) Unit labor costs (QoQ, annualized) Factory Goods Orders (MoM) UK BoE announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (YoY) Oct Cottone Tuesday 07 GERMANY Industrial Production (wda, YoY) CHINA Imports (YoY) Oct Cottone	Q3:23 Q3:23 October October eptember eptember October October October October October October 28 October 21 Q3:23 eptember ovember 02	0.0% - 0.2% - 0.2% - 1.1% - 1.2% - 1.	-0.1% 0.1% 2.9% 4.2% -0.8% -4.3% 49.5 A 217 1818 -0.8% 2.8%	0.2% 0.5% 4.3% 4.5% -1.2% -2.3% 50.2 P 212 1783 3.2% 1.0%	Industrial Production (YoY) Retail sales (MoM) Retail sales (MoM) Retail sales (YoY) Bank of Japan announces its intervention rate Construction Orders YoY Friday 03 US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (firs) Underemployment rate Labor Force Participation Rate EURO AREA	September September October 31 September October	5.9% -0.10%	-4,6% -0.1% -5.8% -0.10% -3.0% -3.0% -3.0% -3.0% -3.0% -3.0% -3.0% -4.1% -3.2% -3.2% -4.1% -3.4.3 -3.4.3 -3.2% -62.7%	-4.4% 0.2% -0.10% -0.10% -4.3%	ISM Manufacturing PMI Fed announces its intervention rate UK Nationwide House Px NSA YoY CHINA Caixin PMI Manufacturing Monday 06 UK S&P Global/CIPS UK	October November 01 October October	49.0 5.50% -4.8% 50.8	- 46.7 5.50% + -3.3% - 49.5	49.0 5.50% -5.3% 50.6
EURO AREA GDP (QoQ) GDP (QoQ) GDP (QoQ) CPI flash estimate (YoY) CPI Core flash estimate (YoY) GERMANY Retail sales (MoM) NBS manufacturing PMI Oct Thursday 02 US Initial Jobless Claims (k) Continuing Claims (k) Continuing Claims (k) Cotto Unit labor costs (QoQ, annualized) Factory Goods Orders (MoM) UK BoG announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (YoY) Oct CHINA Imports (YoY) Oct CPI Core CPI C	Q3:23 Q3:23 October October eptember eptember October October October October October October 28 October 21 Q3:23 eptember ovember 02	0.0% - 0.2% - 0.2% - 1.1% - 1.2% - 1.	-0.1% 0.1% 2.9% 4.2% -0.8% -4.3% 49.5 A 217 1818 -0.8% 2.8%	0.2% 0.5% 4.3% 4.5% -1.2% -2.3% 50.2 P 212 1783 3.2% 1.0%	Retail sales (MoM) Retail sales (YoY) Retail sales (YoY) Bank of Japan announces its intervention rate Construction Orders YoY Friday 03 US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (firs) Underemployment rate Labor Force Participation Rate EURO AREA	September September October 31 September October	-0.10%	-0.1% - 5.8% -0.10% -3.0% -3.0% -3.0% -3.0% -3.9% -0.2% +4.1% -3.4% -3.4% -3.4% -3.4% -3.4% -3.4% -3.2% -62.7%	P 53.6 297 246 3.8% 0.3% 4.3% 62.8%	Fed announces its intervention rate UK Nationwide House Px NSA YoY CHINA Caixin PMI Manufacturing Monday 06 UK S&P Global/CIPS UK	November 01 October October	5.50% -4.8% 50.8	5.50% + -3.3% - 49.5	5.50% -5.3% 50.6
GDP (QoQ) GDP (QoQ) GDP (YoV) QI GDP (YoV) QI GPI flash estimate (YoV) CPI Core flash estimate (YoV) GERMANY Retail sales (MoM) NBS manufacturing PMI Thursday 02 US Initial Jobless Claims (k) Cotto Unit labor costs (QoQ, annualized) Factory Goods Orders (MoM) UK BoG announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (YoY) Oct CHINA INDUSTRIBUTED CENTRAL C	Q3:23 October October eptember eptember October 28 October 21 Q3:23 eptember ovember 02	0.2% - 3.1% - 4.2% - 6.5%4.0% - 50.2 - \$\frac{\sqrt{2}}{1800} - 1800 - 2.4% + 5.25%	0.1% 2.9% 4.2% -0.8% -4.3% 49.5 A 217 1818 -0.8% 2.8%	0.5% 4.3% 4.5% -1.2% -2.3% 50.2 P 212 1783 3.2% 1.0%	Bank of Japan announces its intervention rate Construction Orders YoY Friday 03 US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average weekly hours (hrs) Underemployment rate Labor Force Participation Rate EURO AREA	October	-0.10%	A - 51.8 - 150 - 99 - 0.2% + 4.13 - 7.2% 62.7%	7.0% -0.10% -4.3% -4.3% -4.3% 53.6 297 246 3.8% 0.3% 4.3% 4.3% 62.8%	rate UK Nationwide House Px NSA YoY CHINA Caixin PMI Manufacturing Monday 06 UK S&P Global/CIPS UK	October October	-4.8% 50.8	+ -3.3% - 49.5	-5.3% 50.6
GDP (YOY) GDP (YOY) GDP (YOY) GDP (ADD A)	October October eptember eptember October October October October October October 28 October 21 Q3:23 eptember ovember 02	3.1% 4.2%	2.9% 4.2% -0.8% -4.3% 49.5 A 217 1818 -0.8% 2.8%	4.3% 4.5% -1.2% -2.3% 50.2 P 212 1783 3.2% 1.0%	Bank of Japan announces its intervention rate Construction Orders YoY Friday 03 US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average weekly hours (hrs) Underemployment rate Labor Force Participation Rate EURO AREA	October 31 September October	-0.10%	-0.10% -3.0% -3.0% -3.0% -51.8 -150 -99 -0.2% +4.1% -3.9% -0.2% -4.1% -3.4.3 -7.2% -62.7%	-0.10% -4.3% P 53.6 297 246 3.8% 0.3% 4.3% 34.4 7.0% 62.8%	UK Nationwide House Px NSA YoY CHINA Caixin PMI Manufacturing Monday 06 UK S&P Global/CIPS UK	October	50.8 S	- 49.5	50.6
CPI Core flash estimate (YoY) GERMANY Retail sales (MoM) Septi Retail sales (MoM) Septi Retail sales (YoY) Septi CHINA NBS manufacturing PMI Oct Thursday 02 US Initial Jobless Claims (k) Octo Continuing Claims (k) Octo Continuing Claims (k) Octo Linit labor costs (QoQ, annualized) Septi Linit al Continuing Claims (k) Octo Continuing Claims (k	October eptember October October October October October 28 Actober 21 Q3:23 eptember ovember 02	4.2% 0.5%4.0% - 50.2 - \$\frac{\$10}{1800} - 1800 - 2.4% + 5.25%	4.2% -0.8% -4.3% 49.5 A 217 1818 -0.8% 2.8%	4.5% -1.2% -2.3% 50.2 P 212 1783 3.2% 1.0%	Friday 03 US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October October October October October	\$ 53.0 180 158 3.8% 4.0% 4.0% 4.0% 4.0% 4.0% 4.0% 4.0% 4.0	-3.0% A - 51.8 - 150 - 99 - 3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	P 53.6 297 246 3.8% 0.3% 34.4 7.0% 62.8%	CHINA Caixin PMI Manufacturing Monday 06 UK S&P Global/CIPS UK	October	50.8 S	- 49.5	50.6
GERMANY Retail sales (MoM) Septi Retail sales (YoY) Septi CHINA NBS manufacturing PMI Oct Thursday 02 US Initial Jobless Claims (k) Octo Continuing Claims (k) Octo Continuing Claims (k) Octo Continuing Claims (k) Octo Unit labor costs (QoQ, annualized) Factory Goods Orders (MoM) Septi UK Bod announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) Septi CHINA Imports (YoY) Oct	eptember eptember October 28 October 21 Q3:23 eptember 02	0.5% - -4.0% - 50.2 - 50.2 - 1800 - 0.7% - 2.4% + 5.25%	-0.8% -4.3% 49.5 A 217 1818 -0.8% 2.8%	-1.2% -2.3% 50.2 P 212 1783 3.2% 1.0%	Friday 03 US ISA Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (firs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October October October October	53.0 - 180 - 158 - 3.8% - 0.3% - 4.0% - 34.4	A - 51.8 - 150 - 99 - 3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	P 53.6 297 246 3.8% 0.3% 4.3% 34.4 7.0% 62.8%	Caixin PMI Manufacturing Monday 06 UK S&P Global/CIPS UK		s	A	P
Retail sales (MoM) Seph Retail sales (YoY) Seph CHINA NBS manufacturing PMI Oct Thursday 02 US Initial Jobless Claims (k) Octo Continuing Claims (k) Octo Continuing Claims (k) Octo Unit labor costs (QoQ, annualized) Factory Goods Orders (MoM) UK BoE announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) Seph CHINA Imports (YoY) Oct	October 28 October 21 Q3:23 eptember 02	-4.0% - 50.2 - \$\frac{\sqrt{2}}{1800} - \frac{\sqrt{2}}{1800} - \frac{\sqrt{2}}{1800} + \frac{\sqrt{2}}{5.25\%}	-4.3% 49.5 A 217 1818 -0.8% 2.8%	-2.3% 50.2 P 212 1783 3.2% 1.0%	US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (firs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October October October October	53.0 - 180 - 158 - 3.8% - 0.3% - 4.0% - 34.4	- 51.8 - 150 - 99 - 3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	53.6 297 246 3.8% 0.3% 4.3% 34.4 7.0% 62.8%	Monday 06 UK S&P Global/CIPS UK		s	A	P
Retail sales (YoY) Sept CHINA NBS manufacturing PMI Oct Thursday 02 US Initial Jobless Claims (k) Octo Continuing Claims (k) Octo Unit labor costs (QoQ, annualized) Factory Goods Orders (MoM) Sept UK BoE announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) Sept CHINA Imports (YoY) Oct	October 28 October 21 Q3:23 eptember 02	-4.0% - 50.2 - \$\frac{\sqrt{2}}{1800} - \frac{\sqrt{2}}{1800} - \frac{\sqrt{2}}{1800} + \frac{\sqrt{2}}{5.25\%}	-4.3% 49.5 A 217 1818 -0.8% 2.8%	-2.3% 50.2 P 212 1783 3.2% 1.0%	US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (firs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October October October October	53.0 - 180 - 158 - 3.8% - 0.3% - 4.0% - 34.4	- 51.8 - 150 - 99 - 3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	53.6 297 246 3.8% 0.3% 4.3% 34.4 7.0% 62.8%	UK S&P Global/CIPS UK	October			
CHINA NBS manufacturing PMI Oct Thursday 02 US Initial Jobless Claims (k) Octo Continuing Claims (k) Octo Unit labor costs (QoQ, annualized) Factory Goods Orders (MoM) UK BoG announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (YoY) Oct Cotton Octo Cotton	October 28 October 21 Q3:23 eptember 02	\$ 210 - 1800 - 0.7% - 2.4% + 5.25%	A 217 1818 -0.8% 2.8%	P 212 1783 3.2% 1.0%	US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (firs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October October October October	53.0 - 180 - 158 - 3.8% - 0.3% - 4.0% - 34.4	- 51.8 - 150 - 99 - 3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	53.6 297 246 3.8% 0.3% 4.3% 34.4 7.0% 62.8%	UK S&P Global/CIPS UK	October			
NBS manufacturing PMI Oct Thursday 02 US Initial Jobless Claims (k) Octo Continuing Claims (k) Octo Unit labor costs (QoQ, annualized) Factory Goods Orders (MoM) Sept UK BoE announces its intervention rate Nover Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) Sept CHINA Imports (YoY) Oct	October 28 October 21 Q3:23 eptember ovvember 02	\$ 210 - 1800 - 0.7% - 2.4% +	A 217 1818 -0.8% 2.8%	P 212 1783 3.2% 1.0%	US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (firs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October October October October	53.0 - 180 - 158 - 3.8% - 0.3% - 4.0% - 34.4	- 51.8 - 150 - 99 - 3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	53.6 297 246 3.8% 0.3% 4.3% 34.4 7.0% 62.8%	UK S&P Global/CIPS UK	October			
Thursday 02 US Initial Jobless Claims (k) Octo Continuing Claims (k) Octo Unit labor costs (QoQ, Giannualized) Factory Goods Orders (MoM) UK BoE announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (YoY) Octo	October 28 October 21 Q3:23 eptember ovvember 02	\$ 210 - 1800 - 0.7% - 2.4% +	A 217 1818 -0.8% 2.8%	P 212 1783 3.2% 1.0%	US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (firs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October October October October	53.0 - 180 - 158 - 3.8% - 0.3% - 4.0% - 34.4	- 51.8 - 150 - 99 - 3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	53.6 297 246 3.8% 0.3% 4.3% 34.4 7.0% 62.8%	UK S&P Global/CIPS UK	October			
US Initial Jobless Claims (k) Octo Continuing Claims (k) Octo Continuing Claims (k) Octo Unit labor costs (QoQ, annualized) Factory Goods Orders (MoM) Sept UK Boc announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) Sept CHINA Imports (YoY) Oct	Q3:23 eptember ovember 02	210 - 1800 - 0.7% - 2.4% + 5.25%	217 1818 -0.8% 2.8%	212 1783 3.2% 1.0%	US ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (firs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October October October October	53.0 - 180 - 158 - 3.8% - 0.3% - 4.0% - 34.4	- 51.8 - 150 - 99 - 3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	53.6 297 246 3.8% 0.3% 4.3% 34.4 7.0% 62.8%	UK S&P Global/CIPS UK	October			
Initial Jobless Claims (k) Octo Continuing Claims (k) Octo Unit labor costs (QoQ, annualized) Sept WK BoE announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (VOY) Octo Octo Octo Octo Octo Octo Octo Octo	Q3:23 eptember ovember 02	210 - 1800 - 0.7% - 2.4% + 5.25%	217 1818 -0.8% 2.8%	212 1783 3.2% 1.0%	ISM Services PMI Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October October October October	53.0 - 180 - 158 - 3.8% - 0.3% - 4.0% - 34.4	- 51.8 - 150 - 99 - 3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	53.6 297 246 3.8% 0.3% 4.3% 34.4 7.0% 62.8%	S&P Global/CIPS UK	October			
Continuing Claims (k) Unit labor costs (QoQ, annualized) Factory Goods Orders (MoM) UK BoE announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (YoY) Octo	Q3:23 eptember ovember 02	1800 - 0.7% - 2.4% + 5.25%	1818 -0.8% 2.8%	1783 3.2% 1.0%	Change in Nonfarm Payrolls (k) Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October October October October	180 - 158 - 3.8% - 0.3% - 4.0% - 34.4	- 150 - 99 - 3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	297 246 3.8% 0.3% 4.3% 34.4 7.0% 62.8%		October	46.0	- 45.6	45.0
Unit labor costs (QoQ, annualized) Sept Factory Goods Orders (MoM) Sept UK BoC announces its intervention rate Nover Sept CHINA SEPT	Q3:23 eptember ovember 02	0.7% - 2.4% + 5.25%	-0.8% 2.8%	3.2% 1.0%	Change in Private Payrolls (k) Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October October	158 - 3.8% - 0.3% - 4.0% - 34.4	99 - 3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	246 3.8% 0.3% 4.3% 34.4 7.0% 62.8%	Construction PMI				
annualized) Factory Goods Orders (MoM) UK BoE announces its intervention rate Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (YoY) Cept Sept Sept Sept Sept Sept Sept Sept S	eptember 02	2.4% + 5.25%	2.8%	1.0%	Unemployment rate Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October October	3.8% - 0.3% - 4.0% - 34.4	3.9% - 0.2% + 4.1% - 34.3 7.2% 62.7%	3.8% 0.3% 4.3% 34.4 7.0% 62.8%					
Factory Goods Orders (MoM) Septi UK Boc announces its intervention rate Nover Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) Septi CHINA Imports (YoY) Oct	eptember	2.4% + 5.25%	2.8%	1.0%	Average Hourly Earnings MoM Average Hourly Earnings YoY Average weekly hours (hrs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October	0.3% - 4.0% - 34.4 -	- 0.2% + 4.1% - 34.3 7.2% 62.7%	0.3% 4.3% 34.4 7.0% 62.8%					
Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (YoY) Oct	eptember	5.25% S			Average Hourly Earnings YoY Average weekly hours (hrs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October October	4.0% 4 34.4 - 	+ 4.1% - 34.3 7.2% 62.7%	4.3% 34.4 7.0% 62.8%					
Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (YoY) Oct	eptember	s	5.25%	5.25%	Average weekly hours (hrs) Underemployment rate Labor Force Participation Rate EURO AREA	October October October	34.4 - 	- 34.3 7.2% 62.7%	34.4 7.0% 62.8%					
Tuesday 07 GERMANY Industrial Production (sa, MoM) Industrial Production (wda, YoY) CHINA Imports (YoY) Oct	eptember	s	5.25%	5.25%	Underemployment rate Labor Force Participation Rate EURO AREA	October October		7.2% 62.7%	7.0% 62.8%					
Tuesday 07 GERMANY Industrial Production (sa, MoM) Septi Industrial Production (wda, YoY) Sept CHINA Imports (YoY) Oct					Labor Force Participation Rate EURO AREA	October		62.7%	62.8%					
GERMANY Industrial Production (sa, MoM) Septi Industrial Production (wda, YoY) Septi CHINA Imports (YoY) Oct					EURO AREA									
GERMANY Industrial Production (sa, MoM) Septi Industrial Production (wda, YoY) Septi CHINA Imports (YoY) Oct						September	6.4%	- 6.5%	6.4%					
GERMANY Industrial Production (sa, MoM) Septi Industrial Production (wda, YoY) Septi CHINA Imports (YoY) Oct					onemployment rate	september	0.476	- 0.5%	0.476					
GERMANY Industrial Production (sa, MoM) Septi Industrial Production (wda, YoY) Septi CHINA Imports (YoY) Oct														
GERMANY Industrial Production (sa, MoM) Septi Industrial Production (wda, YoY) Septi CHINA Imports (YoY) Oct					Wednesday 08					Thursday 09				
Industrial Production (sa, MoM) Septi Industrial Production (wda, YoY) Septi CHINA Imports (YoY) Oct			Α	P	US		S	Α	Р	US		S	Α	Р
Industrial Production (wda, YoY) Septi CHINA Imports (YoY) Oct		-0.1%	A	-0.2%	Wholesale trade	September	3	A	1.8%	Initial Jobless Claims (k)	November 04	215	A	217
CHINA Imports (YoY) Oct	cptciiibci				EURO AREA	Бергенівен			1.070	Continuing Claims (k)	October 28	1815		1818
Imports (YoY) Oct				1.070	Retail sales (MoM)	September	-0.2%		-1.2%	EURO AREA	October 20	1015		1010
	October	-4.8%		-6.2%	Retail sales (YoY)	September	-3.2%		-2.1%	ECOFIN finance ministers'				
	October	-3.3%		-6.2%	Eurogroup finance ministers'					meeting	November 09			
					meeting	November 08				ECB publishes its Economic				
					JAPAN					bulletin	November 09			
					Coincident Index	September			114.6	JAPAN				
					Leading Index	September			109.2	Eco Watchers Current Survey	October			49.9
					3					Eco Watchers Outlook Survey	October			49.5
										CHINA				
										CPI (YoY)	October	-0.1%		0.0%
Friday 10			-		Monday 13									
US		S	Α	Р										
University of Michigan consumer Nove	November	64.0		63.8										
confidence UK														
	Q3:23	-0.1%		0.2%										
	Q3:23 Q3:23	0.5%		0.2%										
	Q3:23 eptember			0.6%										
				2.5%										
		0.0%		0.5%										
Gross Fixed Capital Formation	Q3:23	0.3%												
(QoQ)	Q3:23 Q3:23	0.3% 0.2%		0.8%										
	Q3:23	0.3%												
	Q3:23 Q3:23 Q3:23	0.3% 0.2% -0.6%		-0.7%										
	Q3:23 Q3:23 Q3:23 eptember	0.3% 0.2% -0.6% -0.1%		-0.7% 1.3%										
Sept	Q3:23 Q3:23 Q3:23	0.3% 0.2% -0.6%		-0.7% 1.3%										
sept	Q3:23 Q3:23 Q3:23 eptember	0.3% 0.2% -0.6% -0.1%												
Sept	Q3:23 Q3:23 Q3:23 eptember	0.3% 0.2% -0.6% -0.1%												
Sept	Q3:23 Q3:23 Q3:23 eptember	0.3% 0.2% -0.6% -0.1%												
Sept	Q3:23 Q3:23 Q3:23 eptember	0.3% 0.2% -0.6% -0.1%												



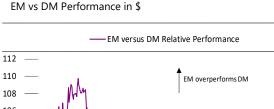
Developed N	larkets	Current	1-week	Year-to-Date	1-Year	2-year	Emerging Markets	Current	1-week	Year-to-Date	1-Year	2-year
		Level	change (%)	change (%)	change (%)	change (%)		Level	change (%)	change (%)	change (%)	change (%)
US	S&P 500	4358	5.9	13.5	17.2	-6.5	MSCI Emerging Markets	57945	2.3	0.8	8.4	-19.1
Japan	NIKKEI 225	31950	3.1	22.4	15.5	8.2	MSCI Asia	881	1.8	0.6	11.6	-19.4
UK	MSCI UK	2125	1.7	-0.9	2.7	4.3	China	58	1.1	-9.9	14.6	-35.6
Euro area	EuroStoxx	439	4.3	7.0	12.5	-8.4	Korea	738	3.3	10.0	4.9	-17.5
Germany	DAX 40	15189	3.4	9.1	15.7	-4.8	MSCI Latin America	89936	3.8	1.9	-4.9	-3.5
France	CAC 40	7048	3.7	8.9	12.9	1.4	Brazil	301189	3.9	2.0	-6.3	-3.8
Italy	MSCI Italy	917	5.3	21.2	26.1	6.6	Mexico	47533	4.8	5.5	0.5	-1.1
Spain	IBEX-35	9294	4.2	12.9	18.1	2.9	MSCI Europe	3576	2.1	27.0	46.2	-52.1
Hong Kong	Hang Seng	17664	1.5	-10.7	15.2	-29.4	Russia	3209	-0.5	49.0	48.8	-23.3
Greece	ASE	1220	3.5	31.2	41.5	34.3	Turkey	7591880	0.8	41.0	84.2	334.8

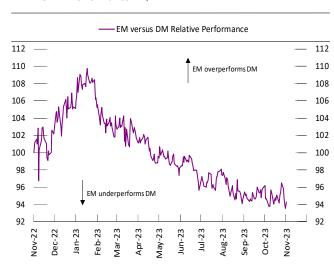
in US Dollar terms	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)	Investment Styles	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)
Energy	249.8	1.9	1.5	-0.5	38.6	Growth	4158.6	6.2	22.6	28.9	-13.8
Materials	311.1	4.4	0.1	13.4	-10.4	Value	3099.2	4.9	-0.1	5.7	-7.9
Industrials	318.2	5.3	6.4	14.4	-9.0	Large Cap	1826.7	5.5	12.6	18.5	-8.3
Consumer Discretionary	352.1	6.9	20.9	21.2	-21.9	Small Cap	465.7	6.5	0.2	5.1	-23.1
Consumer Staples	258.6	3.7	-4.1	3.2	-8.4	US Growth	2796.1	5.4	18.4	22.2	-15.0
Healthcare	328.8	3.6	-4.7	1.0	-9.5	US Value	1551.8	6.4	8.2	11.9	2.0
Financials	132.4	6.4	1.1	8.4	-14.5	US Large Cap	4358.3	5.9	13.5	17.2	-6.5
IT	532.1	6.8	35.2	41.5	-3.5	US Small Cap	1148.4	7.4	-0.8	-0.4	-20.1
Telecoms	88.7	6.5	33.0	40.6	-19.9	US Banks	293.2	9.1	-10.6	-11.6	-35.3
Utilities	141.4	5.2	-7.4	0.3	-9.5	EA Banks	110.7	3.5	15.5	24.2	5.4
Real Estate	899.0	8.0	-6.1	-0.2	-28.9	Greek Banks	975.5	1.6	52.3	63.5	62.7

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	4.52	4.83	3.88	4.12	2.29	US Treasuries 10Y/2Y	-34	-19	-54	-59	75
Germany	2.65	2.84	2.53	2.24	0.53	US Treasuries 10Y/5Y	4	6	-13	-23	38
Japan	0.91	0.87	0.42	0.24	0.17	Bunds 10Y/2Y	-31	-22	-16	17	63
UK	4.29	4.54	3.66	3.46	1.63	Bunds 10Y/5Y	10.4	14.4	-0.4	12	45
Greece	3.94	4.14	4.59	4.64	4.85						
Ireland	3.06	3.25	3.06	2.74	1.11	Corporate Bond Spreads	Current	Last week	Year Start	One Year	10-year
Italy	4.45	4.81	4.64	4.38	2.19	(in bps)	Current	Last week	rear Start	Back	average
Spain	3.69	3.93	3.61	3.30	1.61	US IG	129	131	138	164	131
Portugal	3.30	3.52	3.57	3.23	2.16	US High yield	404	453	481	481	444
EM	5.06	5.13	5.04	5.21	4.66	Euro area IG	153	160	167	212	121
						Euro area High Yield	465	490	498	578	401
LIC Mautanaa Maukat	Current	Last week	Voor Stort	One Year	10-year	EM	276	277	295	366	317
US Mortgage Market	Current	Last week	Year Start	Back	average	EUR Senior Financial	187	194	204	269	N/A
30-Year FRM ¹ (%)	7.86	7.90	6.42	7.06	4.39	EUR Subordinated Financial	305	319	311	390	N/A
vs 30Yr Treasury (bps)	309.5	285.9	240.1	282.6	156.8	EUR AT1	756	818	718	890	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	1.07	1.5	2.3	10.0	0.6	Agricultural	398	0.5	2.4	-15.1	-15.4
EUR/CHF	0.96	1.0	0.0	-2.5	-2.3	Energy	277	-4.2	-1.9	-14.8	-4.0
EUR/GBP	0.87	-0.4	0.2	-0.6	-2.2	West Texas Oil (\$/bbl)	81	-5.9	-4.4	-8.7	0.3
EUR/JPY	160.31	1.3	2.6	10.9	13.8	Crude brent Oil (\$/bbl)	85	-6.2	-1.1	-10.3	-1.2
EUR/NOK	11.86	0.5	2.4	15.0	12.8	HH Natural Gas (\$/mmbtu)	3.5	0.8	20.4	-24.4	-0.1
EUR/SEK	11.71	-0.5	0.4	7.3	5.3	TTF Natural Gas (EUR/mwh)	48	-4.9	25.0	-61.7	-37.0
EUR/AUD	1.65	-0.9	-0.8	6.4	4.9	Industrial Metals	409	1.0	1.5	0.3	-9.4
EUR/CAD	1.47	0.1	1.5	9.5	1.5	Precious Metals	2593	0.2	9.1	22.3	8.2
USD-based cross rates						Gold (\$)	1993	-0.7	9.4	22.3	9.2
USD/CAD	1.37	-1.3	-0.7	-0.4	0.9	Silver (\$)	23	0.3	10.6	19.0	-3.2
USD/AUD	1.54	-2.4	-3.0	-3.2	4.3	Baltic Dry Index	1462	-6.5	-17.8	13.3	-3.5
USD/JPY	149.36	-0.2	0.3	0.8	13.2	Baltic Dirty Tanker Index	1465	3.6	73.2	-19.9	-21.8

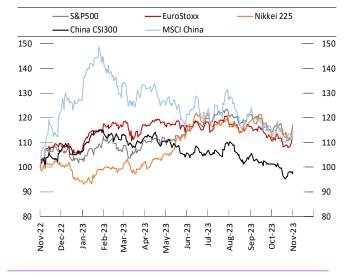






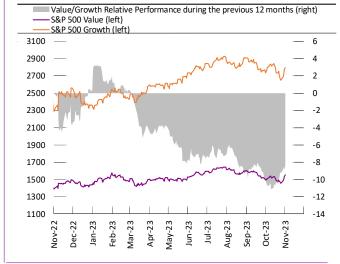
Data as of November 3rd - Rebased @ 100

Equity Market Performance



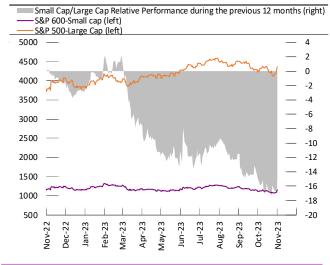
Data as of November 3rd – Rebased @ 100

S&P 500 Value & Growth Index



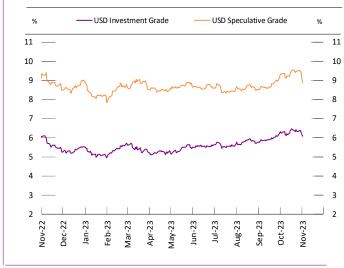
Data as of November 3rd

S&P 500 & S&P 600 Index



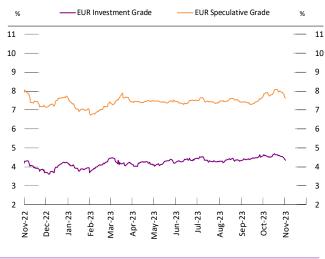
Data as of November 3rd

USD Corporate Bond Yields



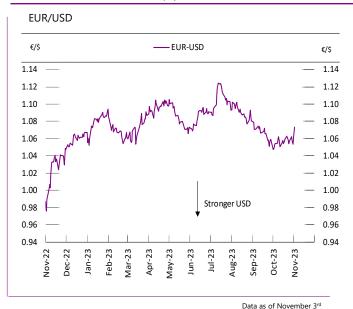
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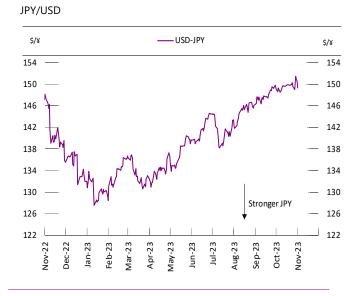
EUR Corporate Bond Yields



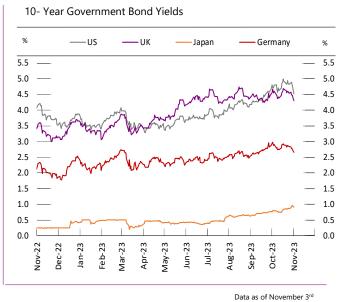
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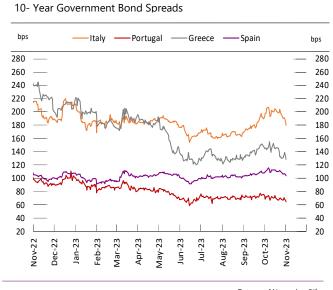




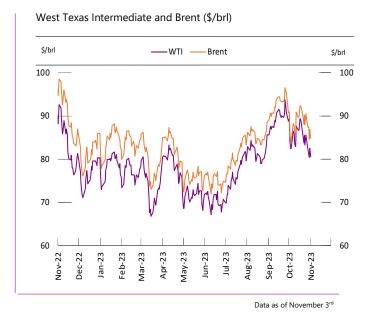


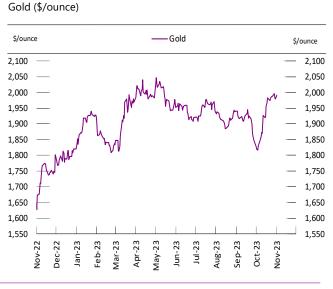
Data as of November 3rd





Data as of November 3rd





Data as of November $3^{\rm rd}$



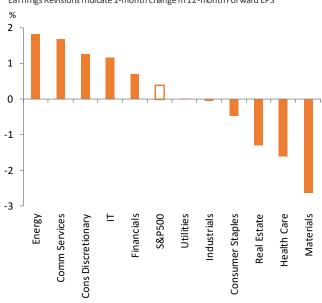
US Sectors Valuation

		Price (\$)		EPS Gro	wth (%)	Dividend	Yield (%)		P/	E Ratio			P/BV R	atio	
	3/11/23	% Weekly Change	%YTD	2022	2023	2022	2023	2022	2023	12m fwd	20Yr Avg	2022	2023	Current	20Yr Avg
S&P500	4358	5.9	13.5	5.0	1.5	1.7	1.6	18.4	19.9	18.1	15.8	4.0	4.0	4.0	2.9
Energy	663	2.3	-1.4	154.4	-26.2	3.4	3.5	8.1	11.4	11.0	15.1	2.3	2.2	2.2	2.0
Materials	496	5.1	1.3	5.4	-22.2	2.2	2.1	14.6	18.1	17.4	15.1	2.9	2.7	2.7	2.8
Financials															
Diversified Financials	979	7.4	2.3	-8.4	1.7	1.3	1.4	18.9	18.4	16.7	15.9	2.7	2.5	2.5	2.3
Banks	293	9.1	-10.6	-21.3	13.0	3.0	3.7	11.2	8.2	8.7	11.7	1.2	1.0	1.0	1.2
Insurance	632	5.0	6.1	-10.0	17.9	1.7	1.7	16.8	15.0	12.6	11.2	2.2	2.3	2.3	1.4
Real Estate	220	8.3	-5.4	11.8	0.6	3.8	4.1	17.4	15.8	15.4	18.6	2.6	2.6	2.6	2.7
Industrials															
Capital Goods	906	5.6	3.8	12.7	18.9	1.6	1.7	22.8	19.4	17.5	16.1	5.0	4.9	4.9	3.6
Transportation	886	5.9	-2.3	123.7	0.1	1.9	2.3	16.0	15.0	N/A	15.0	5.5	4.4	4.4	3.7
Commercial Services	527	3.4	8.5	16.4	10.8	1.5	1.5	27.8	27.5	25.2	21.7	8.1	8.4	8.4	4.9
Consumer Discretionary															
Retailing	3517	7.5	27.7	-43.9	69.2	0.8	0.7	43.6	31.4	27.6	23.1	10.9	10.6	10.6	8.1
Consumer Services	1455	6.9	14.5	N/A	219.5	1.1	1.2	67.2	22.1	N/A	28.4	152.6	81.0	N/A	13.0
Consumer Durables	378	10.0	2.2	3.3	-9.5	1.4	1.4	14.1	15.3	14.4	16.8	3.6	3.4	3.4	3.3
Automobiles and parts	120	5.5	53.5	28.6	-8.9	0.3	0.4	24.2	26.9	N/A	11.4	4.7	4.3	4.3	2.3
IT .															
Technology	3274	5.2	30.1	5.0	0.7	0.9	0.8	21.8	25.2	23.6	16.0	15.8	16.2	16.2	5.9
Software & Services	3885	6.9	36.6	10.9	11.8	1.0	0.8	26.1	30.7	27.6	18.6	8.9	9.8	9.8	6.4
Semiconductors	2776	8.8	67.2	-5.8	-1.9	1.4	1.0	20.3	28.6	23.3	18.0	5.1	6.6	6.6	3.8
Communication Services	227	6.5	42.4	-20.4	27.6	1.0	0.8	18.2	18.6	16.3	17.5	2.9	3.4	3.4	2.9
Media	923	6.5	52.3	-22.9	34.2	0.3	0.2	21.1	21.6	18.5	21.4	3.3	4.1	4.1	3.2
Consumer Staples															
Food & Staples Retailing	639	3.1	3.0	-3.5	-2.2	1.5	1.6	21.9	22.7	21.3	17.2	5.3	4.9	4.9	3.7
Food Beverage & Tobacco	775	4.1	-10.2	5.9	3.4	3.1	3.5	18.7	16.9	16.2	17.0	5.2	4.6	4.6	4.7
Household Goods	787	1.7	-8.8	-3.4	6.3	2.5	2.6	25.2	23.3	21.9	19.7	9.6	8.3	8.3	6.1
Health Care															
Pharmaceuticals	1193	3.4	-7.9	5.6	-34.3	2.0	2.1	14.1	21.5	17.3	14.6	5.3	5.2	5.2	4.1
Healthcare Equipment	1768	3.6	-4.3	4.3	3.9	1.2	1.3	18.7	18.1	16.9	15.8	3.8	3.6	3.6	3.1
Utilities	314	5.2	-12.5	1.2	5.1	3.2	3.6	18.5	16.8	15.7	15.5	1.9	1.8	1.8	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.

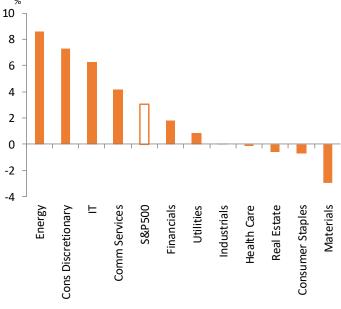
1-month revisions to 12-month Forward EPS

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



3-month revisions to 12-month Forward EPS

Earnings Revisions indicate 3-month change in 12-month Forward EPS %





Euro Area Sectors Valuation

		Price (€)		EPS Gro	wth (%)	Dividend	Yield (%)		P/	E Ratio			P/E	BV Ratio	
	3/11/23	% Weekly Chan	ge %YTD	2022	2023	2022	2023	2022	2023	12m fwd	20Yr Avg	2022	2023	Current	20Yr Avg
EuroStoxx	439	4.3	7.0	21.6	3.8	3.1	3.5	13.3	12.3	11.8	13.1	1.8	1.6	1.6	1.6
Energy	352	-0.1	1.4	121.8	-29.0	5.6	5.1	5.2	7.4	7.2	11.1	1.3	1.2	1.2	1.5
Materials	945	3.3	2.5	13.4	-44.9	3.8	3.5	8.9	15.3	13.6	13.4	1.4	1.2	1.2	1.6
Basic Resources	205	3.5	-8.2	-11.2	-51.2	2.9	3.2	5.0	8.7	8.7	10.4	0.8	0.6	0.6	0.9
Chemicals	1401	3.2	4.6	28.3	-41.2	4.0	3.5	11.2	18.4	15.6	14.3	1.7	1.6	1.6	2.1
Financials															
Banks	111	3.5	15.5	18.4	31.4	5.3	7.7	8.6	6.1	5.9	9.8	0.8	0.7	0.7	0.9
Insurance	331	1.7	7.8	-17.4	41.1	5.2	5.5	13.3	9.4	8.5	9.4	1.5	1.3		1.0
Financial Services	495	4.9	1.6	31.5	24.3	3.1	3.5	11.3	8.6	10.1	15.4	1.3	1.1	1.1	1.3
Real Estate	130	16.0	-1.0	2.1	-3.9	5.5	4.8	11.6	10.9	11.0	16.2	0.6	0.7		1.0
Industrials															
Industrial Goods & Services	976	4.6	1.4	18.5	13.9	2.2	2.8	19.5	15.5	14.3	15.3	2.8	2.3	2.3	2.3
Construction & Materials	543	5.1	17.4	1.5	3.1	3.6	3.8	12.2	12.0	11.4	13.5	1.7	1.6	1.6	1.6
Consumer Discretionary															
Retail	610	4.1	19.0	2.5	19.4	3.7	4.3	23.1	19.9	18.3	22.5	4.7	4.8	4.8	5.5
Automobiles and parts	563	6.1	11.3	9.6	0.4	4.9	5.5	5.9	5.5	5.7	8.4	0.9	8.0		1.1
Travel and Leisure	212	5.4	15.5	N/A	57.6	1.0	1.8	19.1	12.0	N/A	N/A	2.7	2.2	2.2	2.0
Consumer Products & Services	465	5.0	9.0	2.3	11.4	1.4	1.6	33.4	28.6	25.6	21.4	6.8	5.8		3.7
Media	293	-0.1	12.5	21.4	15.9	2.2	2.5	22.5	19.6	18.1	15.5	3.0	3.2		2.0
Technology	846	5.4	18.5	-3.6	28.6	1.0	1.2	28.3	22.6	20.7	21.1	4.0	4.0	4.0	3.5
Consumer Staples															
Food, Beverage & Tobacco	162	6.3	-1.6	11.7	-7.3	1.8	2.2	19.6	19.7	17.7	17.8	2.2	1.9		2.6
Personal Care, Drug & Grocery	177	1.8	5.8	6.8	-2.9	2.4	2.5	16.0	16.1	14.8	16.2	2.3	2.2	2.2	2.6
Health care	746	4.9	-4.1	7.2	-5.7	2.4	2.6	15.9	15.8	14.7	15.0	2.0	1.7		2.1
Communication Services	277	4.9	5.8	27.8	-6.1	3.8	4.3	14.4	14.5	13.2	13.2	1.5	1.3	1.3	1.9
Utilities	362	4.2	3.5	23.1	6.3	5.3	5.4	11.9	11.3	11.8	13.2	1.8	1.6	1.6	1.5

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

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

3 2 1 0 -1 -2 -3 -4 Technology Materials Retail Banks Utilities Energy Real Estate Chemicals Pers Care, Drug & Groc Health care Autos and parts Food & Beverage Cons Prod & Serv Fin/al Services **Basic Resources** Travel and Leisure Insurance Comm Services EuroStoxx Industrial

3-month revisions to 12-month Forward EPS

 $Earnings\ Revisions\ indicate\ 3-month\ change\ in\ 12-month\ Forward\ EPS$ 8 6 4 2 0 -2 -4 Energy Media **Basic Resources** Chemicals **Travel and Leisure** Fin/al Services Autos and parts Utilities Health care Pers Care, Drug & Groc Insurance EuroStoxx Comm Services Real Estate Cons Prod & Serv Food & Beverage **Technology** Industrial

Data as of November 3rd 12-month forward EPS are 15% of 2023 EPS and 85% of 2024 EPS

Data as of November 3rd 12-month forward EPS are 15% of 2023 EPS and 85% of 2024 EPS



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