

Global Markets Roundup

Economic Analysis Division | December 16, 2024



Central banks will continue to lower policy interest rates from restrictive levels

- Risk asset prices moved higher in 2024 across the board (see graph below) due to strong economic
 growth and profitability, as well as due to less restrictive monetary policy. In the past week, policy
 decisions were roughly as expected and main economic data announcements came out as
 anticipated (US CPI, see Economics).
- The European Central Bank on December 12th, cut the policy interest rates by -25 bps as expected, to +3.0% for the Deposit Facility Rate (DFR), as the disinflation process appears well on track.
- The overall ECB signaling (quarterly macro projections, press-conference), did not contain meaningful surprises, policy is restrictive and as a result, the ECB is expected to continue to lower rates in Q1:2025. Markets, according to overnight index swaps, price-in back-to-back cuts of -25 bps each, in the next four meetings up to June 2025, with another one following during H2:2025, for the DFR to settle at 1.75% in the medium term.
- The euro was down by -0.7% wow against the US Dollar to \$1.049 in the past week, albeit with a muted reaction to the ECB meeting. Another such reaction took place on Monday December 16th following (i) a downgrade by one notch of France's sovereign credit rating to Aa3 with a stable outlook from Moody's (in an unscheduled assessment) and (ii) December's euro area PMIs.
- The latter continue to suggest anemic economic activity, with the composite index at 49.5 (expansion/contraction threshold of 50.0). Having said that, the composite index improved from 48.3 in November and modestly exceeded consensus for 48.2, due to the services PMI coming out at 51.4 from 49.5, whereas its manufacturing peer was stable at 45.2 (see graph below).
- The Swiss National Bank reduced its policy rate by -50 bps to +0.5%, the most profound increment decided since 2015, in view of inflation standing at +0.7% in November, versus a target range of 0% 2%. The move was unexpected (consensus economic analysts' estimates called for -25 bps).
- The appreciation of CHF recently (c. +5% against the euro and c. +2% against the US Dollar since past July), which also has possible downside ramifications for consumer inflation, via lower import prices in nominal CHF terms, played a role in the SNB's decision.
- The interest rate cut put a brake in CHF's rise, with a -0.4% against the euro following the meeting, to CHF/EUR 0.93 and -0.5% versus the USD to CHF/USD 0.89.
- Attention now turns to the meetings of the Bank of England (December 19th consensus suggests that the Bank Rate will be maintained at 4.75%, albeit a -25 bps reduction cannot be ruled out), the Bank of Japan (December 19th short-term rate of +0.25%, with officials having left the door open for an increase) and, more so, the US Federal Reserve on December 18th.
- A -25 bps cut to the Federal Funds Rate (FFR) to a range of 4.25% 4.5% is widely anticipated both by investors and analysts. Nevertheless, with inflation demonstrating stickiness (the core CPI has been stable at +3.3% yoy in the past three months) and with the economic activity impetus remaining solid, led by the consumer), a cautious outlook appears on the cards for the speed of future monetary policy easing.

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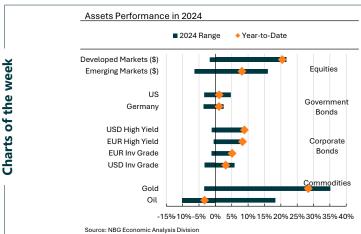
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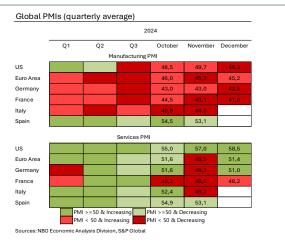
This is our last GMR issue of the year.

We wish our readers a joyful holiday season and a happy New Year!

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US CPI inflation was in line with expectations in November

- Headline US CPI inflation accelerated by +0.1 pp to +2.7% yoy in November (peak of +9.1% yoy in June 2022, the highest since November 1981). The outcome was expected, mainly on the back of positive base effects related to energy prices. In the event, the annual growth of energy prices (weight: 7%) came out at -3.2% from -4.9% in October, due to a +0.2% mom in seasonally adjusted "sa" terms in November 2024 and, more importantly, a -1.6% mom sa in November 2023. Furthermore, food prices (14% weight) recorded a robust +0.4% mom (20-year average of +0.2% mom), with the annual pace of growth at +2.4% from +2.1% in October (peak of +11.4% in August 2022).
- Importantly, the annual growth of core CPI (79% weight) was stable at +3.3% for a 3rd consecutive month in November, in line with consensus estimates (peak of +6.6% yoy in September 2022). The monthly growth held steady at +0.3% mom sa for a 4th consecutive month, as expected, versus a 20-year average of +0.2% mom. Unlike in most of recent months when the shelter prices (circa ½ of the headline CPI and circa 45% of the core index) were a rather dominant contributor to the core's monthly growth, in November the respective contributions were broader based.
- In the event, shelter prices were up by +0.3% mom in November, from +0.4% in October and a 12-month average also of +0.4% mom (20-year average of +0.3%). Regarding the two major and relatively stickier shelter components, the index for the rent of primary residence came out at +0.2% mom from +0.3% mom in October (the annual growth was +4.4% from +4.6%) and the owners' equivalent rent of residences (i.e. the implicit rent that owner occupants would have to pay if they were renting their homes) at +0.2% mom from +0.4% mom (the annual growth was +4.9% from +5.2%). Excluding the dominant shelter component as well as the volatile one for used cars & trucks, core CPI rose by +0.2% mom (+2.4% yoy) from +0.1% mom (+2.3% yoy) in October.
- Looking forward, the Federal Reserve Bank of Cleveland's Inflation Nowcasting model, points to a further acceleration in December for the headline CPI to +2.9% (monthly gains of +0.4%) and to the core again holding steady at +3.3% (monthly gains of +0.3%).

US federal budget deficit remains elevated

 The US federal budget balance, in 12-month sum terms, was -\$2.076 tn in November or 7.2% of GDP, versus -\$1.739 tn or 6.3%of GDP in the same period a year ago. Recall that the US federal budget balance came out at -\$1.832 tn in fiscal year ("fy") 2024 (i.e. from October 2023 to September 2024) or 6.4% of GDP. These figures follow also oversized ones in fy:2023, when a deficit of -\$1.695 tn or 6.2% of GDP was recorded. Recall that that the fy:2023 readings were distorted by the June 2023 Supreme Court decision prohibiting the cancellation of outstanding student loans (provided by the Department of Education) for many borrowers. Excluding the effects of that decision, the fy:2023 deficit would be -\$2.025 tn or 7.4% of GDP. In all, the federal deficits in recent years have been particularly oversized, compared with an average of -2.7% of GDP from 1962 and up to the pandemic. As a result, the federal debt held by the public stood slightly below 100% of GDP in fy:2024, compared with 79% of GDP in fy:2019, given also deficits of -13.4% of GDP on average in fiscal years 2020 and 2021 due to emergency measures to stem the economic impact of the pandemic.

The ECB modestly revised down its forecasts for inflation and real GDP

- Despite real GDP growth in Q3:2024 coming out higher than envisaged at the time of September's quarterly ECB staff's estimates, recent weak indicators prompted moderate downward revisions for the respective projections. In the event, real GDP rose by +0.4% qoq in Q4:2024 versus ECB's estimates in September for +0.2% qoq. Nevertheless, ECB staff expects that a weakening of momentum has been underway in Q4:2024, estimating a deceleration of GDP growth to +0.2% qoq. In all, the estimate for real GDP growth in 2024, was revised down by -0.1 pp to +0.7% yoy, after +0.5% yoy in 2023. For 2025 & 2026, ECB's forecasts were also revised down, by -0.2 pps to +1.1% yoy & by -0.1 pp to 1.4% yoy, respectively, while the newly introduced forecast for 2027 stands at +1.3%. The anticipated improvement continues to be mainly linked to stronger envisaged private consumption in view of rising real incomes (in 2024, growth of real disposable income is foreseen at +2.3% yoy from +1.2% yoy in 2023, followed by +0.9% yoy on average in the next 3 years).
- The inflation outlook was also moderately revised down, following softer than previously expected readings recently. Recall that on average in October November, headline CPI stood at +2.1% yoy and the core at +2.7% yoy, versus ECB staff's estimates in September's exercise for +2.6% yoy and +2.9% yoy, respectively, in Q4:2024 on average. In all, headline inflation projections were revised down by -0.1 pp for both 2024 & 2025 to 2.4% & 2.1%, respectively, were maintained 1.9% in 2026 and came out at 2.1% for 2027 (+5.4% in 2023). On core CPI, following an outcome of +4.9% in 2023 (on average), the projection was unrevised at +2.9% in 2024 and at 2.3% in 2025, while coming out at 1.9% in both 2026 (-0.1 pp versus September's projections) and 2027.
- The changes in technical assumptions also contributed somewhat to the aforementioned revisions of the inflation outlook. In the event, oil prices are assumed to average €81.8/barrel in 2024 instead of €83.2/barrel in September's projections, €71.8/barrel in 2025 instead of €76.1/barrel and €70.1/barrel in 2026 instead of €73.2/barrel, down by -3.8%, on average, for the period 2024-2026 compared with the same period in September's projections. The assumptions for natural gas prices were slightly revised up following price developments in recent months, to an average of €34.3/MWh in 2024, €42.9/MWh in 2025 and €34.9/MWh in 2026 instead of €34.2/MWh, €41.1/MWh and €35.4/MWh, respectively. Finally, a weaker euro exchange rate is assumed, \$1.07 against the US Dollar on average in 2024 2026, instead of \$1.10.

China's external trade was below consensus in November

The annual pace of growth of both (merchandise) exports and imports moved down in November. Specifically, exports -- in USD terms – came out at +6.7% yoy from +12.7% in October, versus consensus for +8.5% yoy. At the same time, the annual growth of total imports was -3.9% yoy from -2.3% yoy, versus expectations for +0.3% yoy. Regarding the composition of external trade flows in terms of directions, exports to the US rose by +8.0% yoy in November (imports from the US: -11.2% yoy), to the European Union (EU) by +7.2% yoy (imports from the EU: -6.6% yoy) and to the Association of Southeast Asian Nations (ASEAN) by +14.9% yoy (imports from ASEAN: -3.0% yoy). China's (merchandise) trade balance stood at +5.2% of GDP in 9M:2024 from +4.6% in FY:2023. The bilateral trade balance with the US stood at +2.0% of China's GDP in 9M:2024 from +1.9% in FY:2023.



Equities

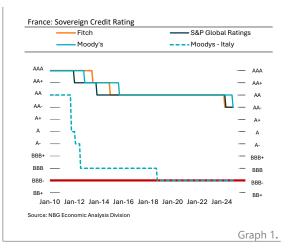
• Global equity markets recorded modest changes in the past week (MSCI ACWI: -0.9%). In the US, the S&P500 index recorded losses of -0.6% on a weekly basis. The NASDAQ, a tech-heavy weighted index increased by +0.7%, "breaking" the 20,000-point barrier during the week (+29% since the beginning of 2024), with Alphabet (+8.7% weekly, after its announcement of progress in quantum computing technology development) and Tesla (+12.1%) in the spotlight. On the other side of the Atlantic, Eurostoxx was broadly stable on a weekly basis (by -0.3%), having recorded gains of +3% since the beginning of the month as the Banking sector rebounded (+5%) following a period of market pressure related to downward revisions of the ECB's rate path and the negative (in relative terms) impact on the sector's net interest income expectations. Similarly, the Greek banking sector has risen by +13% in December and by +22% since the beginning of the year. In France, the CAC40 remained largely unchanged on a weekly basis, ahead of political developments. On Friday, President Macron appointed Mr. Bayrou as the new Prime Minister, who is expected to promptly present the 2025 Budget for parliamentary approval. Finally, Chinese equity markets were broadly down on a weekly basis (CSI300: -1.0%), as recent policy announcements underwhelmed investors. CSI300 declined by a further -0.5% on Monday, after some weaker-than-expected economic data (retail sales).

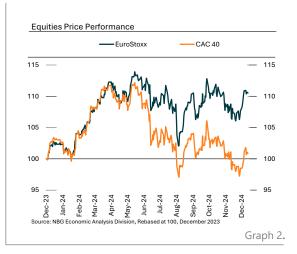
Fixed Income

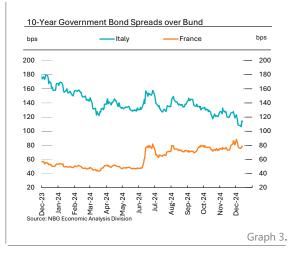
· US Treasuries moved higher in the past week amid strong momentum in economic activity. Overall, the 10-year yield rose by +25 bps on a weekly basis to 4.40%, and the 2-year yield increased by +14 bps to 4.25%. In Germany, the 10year yield rose by +13 bps on a weekly basis to 2.25%, with the bulk of the increase occurring on Thursday (+6 bps) after the ECB meeting. Periphery 10-year bond spreads widened slightly in Italy (+5 bps wow to 114 bps) and in Greece (+2 bps wow to 82 bps), although from very low levels. The ECB continues to reduce its government bond portfolio, as expected, without showing concern about potential negative consequences for bond markets Note that on Saturday, Moody's, in an unscheduled change, downgraded France by one notch to Aa3 (outlook stable). Meanwhile, the Hellenic Republic proceeded on December 13th with the early repayment of €7.94 billion of intergovernmental loans (GLF) received under the first support program, having now fully repaid approximately €16 billion over the past three years, saving an additional €0.15 billion in interest that would have been paid until 2028. Corporate bond spreads were little changed in the past week. Specifically, USD high yield rose by +1 bp to 78 bps remaining at extremely low levels (260 bps in mid-November, the lowest since June 2007), while their EUR counterparts were down by -8 bps to 298 bps. In the Investment Grade spectrum, both USD and EUR spreads were down by -3 bps to 78 bps and 96 bps respectively.

FX and Commodities

• In foreign exchange markets, the euro declined by -0.7% in the past week against the US dollar, having declined by -4% since the US election to €/\$1.05 due to the diverging prospects for growth and monetary policy in the two economies. In commodities, oil priced rose in the past week (Brent: +4.7% wow to \$74/barrel, WTI: +4.2 to \$72/barrel). Meanwhile, the OPEC revised its global oil demand growth forecasts downward for a fifth consecutive month, by -0.2 million barrels per day for 2024 to 1.6 million barrels per day and by -0.1 million barrels per day for 2025 to 1.45 million barrels per day. Gold prices rose, +0.6% on a weekly basis to \$2649/ounce (+28% since the beginning of 2024), with the People's Bank of China announcing the resumption of purchases for its reserves after a six-month pause.







Quote of the week: "Even though we are not there yet, we are close to achieving our target. If the incoming data continue to confirm our baseline, the direction of travel is clear and we expect to lower interest rates further", President of the European Central Bank, Christine Lagarde, December 16th 2024



I0-Yr Gov. Bond Yield (%)	December 13th	3-month	6-month	12-month	Official Rate (%)	December 13th	3-month	6-month	12-month
Germany	2,25	2,20	2,15	2,10	Euro area	3,00	2,50	2,00	2,00
US	4,40	4,10	4,00	3,90	US	4,75	4,00	3,50	3,25
UK	4,41	3,80	3,75	3,65	UK	4,75	4,75	4,50	3,75
Japan	1,04	1,10	1,20	1,40	Japan	0,25	0,40	0,50	0,70
Currency	December 13th	3-month	6-month	12-month		December 13th	3-month	6-month	12-month
EUR/USD	1,05	1,08	1,09	1,10	USD/JPY	154	151	148	146
EUR/GBP	0,83	0,82	0,83	0,83	GBP/USD	1,27	1,31	1,31	1,33
EUR/JPY	161	163	161	161					

United States	Q1:22a	Q2:22a	Q3:22a	Q4:22a	2022a	Q1:23a	Q2:23a	Q3:23a	Q4:23a	2023a	2024f
Real GDP Growth (YoY) (1)	4,0	2,5	2,3	1,3	2,5	2,3	2,8	3,2	3,2	2,9	2,5
Real GDP Growth (QoQ saar) (2)	-1,0	0,3	2,7	3,4	-	2,8	2,5	4,4	3,2	-	-
Private Consumption	1,0	2,6	1,5	1,2	3,0	5,0	1,0	2,5	3,5	2,5	2,3
Government Consumption	-3,4	-1,5	1,6	5,4	-1,1	5,1	2,9	5,7	3,6	3,9	3,2
Investment	8,5	2,0	-1,8	-1,9	2,7	3,1	8,6	2,6	3,5	2,4	4,6
Residential	-4,5	-11,6	-25,2	-22,8	-8,6	-4,3	4,5	7,7	2,5	-8,3	4,2
Non-residential	13,6	7,3	7,7	5,7	7,0	5,3	9,9	1,1	3,8	6,0	4,0
Inventories Contribution	-0,1	-2,0	-0,5	1,4	0,5	-2,0	-0,4	1,2	-0,4	-0,4	0,0
Net Exports Contribution	-2,5	0,4	2,4	0,6	-0,5	0,3	-0,1	-0,2	0,0	0,5	-0,3
Exports	-4,6	12,7	14,5	-1,1	7,5	2,0	-4,8	4,9	6,2	2,8	2,5
Imports	13,4	5,9	-5,4	-4,5	8,6	-0,8	-3,1	4,7	4,2	-1,2	3,8
Inflation (3)	8,0	8,7	8,3	7,1	8,0	5,8	4,0	3,5	3,2	4,1	3,1
Euro Area	Q1:22a	Q2:22a	Q3:22a	Q4:22a	2022a	Q1:23a	Q2:23a	Q3:23a	Q4:23a	2023a	2024
Real GDP Growth (YoY)	5,5	4,1	2,9	2,0	3,6	1,4	0,6	0,0	0,1	0,5	0,8
Real GDP Growth (QoQ saar)	2,2	3,7	2,4	-0,4	-	-0,1	0,3	0,0	0,2	-	-
Private Consumption	2,1	4,9	4,2	-3,9	4,9	0,7	1,9	1,0	-0,1	0,7	1,1
Government Consumption	0,8	-0,1	-0,7	2,6	1,1	1,4	1,4	3,1	2,8	1,6	1,2
Investment	-4,2	1,8	3,6	0,4	2,2	4,2	-1,2	0,3	5,6	1,8	0,0
Inventories Contribution	-0,3	0,8	0,0	0,1	0,5	-3,1	1,2	-2,0	-1,8	-0,9	-0,3
Net Exports Contribution	2,1	0,0	-0,4	1,1	-0,1	1,5	-1,9	0,8	0,3	0,3	0,3
Exports	4,9	7,5	6,9	0,7	7,5	-2,9	-4,0	-4,1	1,3	-0,5	1,1
Imports	0,6	8,1	8,4	-1,5	8,5	-6,1	-0,3	-6,1	0,8	-1,2	0,6
Inflation	6,1	8.0	9,3	10.0	8.4	8.0	6,2	4,9	2,7	5,5	2,5





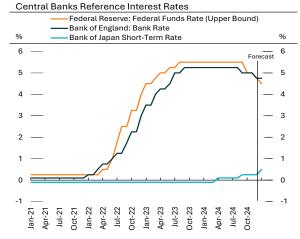
Economic Calendar

In the ${\bf US}$, the focus will be on the Federal Reserve meeting, with a cut by -25 bps to a range of 4.25% - 4.5% being expected for the federal funds rate.

In the **United Kingdom**, the meeting of the Bank of England will be closely monitored.

In **Japan**, officials have left the door open for an increase in the policy rate by the Bank of Japan.

Finally, in **China**, prominent monthly indicators for November are due.



Source: NBG Economic Analysis Division

Economic News Calendar for the period	l: December 9 - December 20, 2024
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Monday 9					Tuesday 10					Wednesday 11				
JAPAN		S	Α	Р	CHINA					us		S	Α	Р
GDP (QoQ)	Q3:2024	0.2%		0.2%	Exports (YoY)	November	8.5%	6.7%	12.7%	CPI (YoY)	November	2.7%	2.7%	2.6%
Eco Watchers Survey Current	November		49.4	47.5	Imports (YoY)	November	0.3%	-3.9%	-2.3%	Core CPI (YoY)	November	3.3%	3.3%	3.3%
CHINA										, ,				
CPI (YoY)	November	0.5%	0.2%	0.3%										
PPI (YoY)	November	-2.8%	-2.5%	-2.9%										
, ,														
										1				
Thursday 12					Friday 13									
EURO AREA		S	A	P	JAPAN		S	Α	P					
ECB Deposit Facility Rate	November 12	3.00%	3.00%	3.25%	Tankan - large manufacturers	Q4:2024	12	+ 14	13					
US					current index									
Initial Jobless Claims (k)	November 30	220		225	Tankan - large manufacturers	Q4:2024	11	+ 13	14					
Continuing Jobless Claims (k)	November 23	1875	1886	1871	outlook index	-								
					UK		0.101	6 4	0.10					
					GDP (MoM)	October	0.1%	0.1%	-0.1%					
					EURO AREA	0-4-6-	0.401	0.001	4 501					
					Industrial Production (sa, MoM) Industrial Production (wda, YoY)	October October	-0.1%	0.0% + -1.2%	-1.5% -2.2%					
					Industrial Production (wda, YoY)	October	-1.9%	+ -1.2%	-2.2%					
Monday 16					Tuesday 17					Wednesday 18				
JAPAN		s	Α	Р	UK		S	Α	P	UK		S	A	Р
					O.C									-
au libun Bank Janan PMI					II O I Inemployment Rate	October	4 3%		4 3%	CPL(YoV)	November	2.6%		2.3%
au Jibun Bank Japan PMI Manufacturing	December			49.0	ILO Unemployment Rate GERMANY	October	4.3%		4.3%	CPI (YoY) CPI Core (YoY)	November November	2.6%		2.3%
Manufacturing	December			49.0	GERMANY					CPI Core (YoY)	November November	2.6% 3.6%		2.3% 3.3%
Manufacturing CHINA		5.3%			GERMANY IFO- Business Climate Indicator	December	85.6		85.7	CPI Core (YoY) US	November	3.6%		3.3%
Manufacturing CHINA Industrial production (YoY)	November	5.3% 4.6%		5.3%	GERMANY IFO- Business Climate Indicator IFO- Current Assesment	December December	85.6 84.0		85.7 84.3	CPI Core (YoY) US Building permits (k)	November November	3.6% 1431		3.3%
Manufacturing CHINA		 5.3% 4.6%			GERMANY IFO- Business Climate Indicator	December	85.6		85.7	CPI Core (YoY) US Building permits (k) Housing starts (k)	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY)	November			5.3%	GERMANY IFO- Business Climate Indicator IFO- Current Assesment IFO-Expectations	December December	85.6 84.0		85.7 84.3	CPI Core (YoY) US Building permits (k)	November November	3.6% 1431 1342		3.3%
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA	November November	4.6%		5.3% 4.8%	GERMANY IFO- Business Climate Indicator IFO- Current Assesment IFO-Expectations US	December December December	85.6 84.0 87.5		85.7 84.3 87.2	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI	November November December December	4.6% 48.2 49.5		5.3% 4.8% 48.3 49.5	GERMANY IFO- Business Climate Indicator IFO- Current Assesment IFO-Expectations US Retail sales (MoM)	December December December November	85.6 84.0 87.5 0.5% 0.3%		85.7 84.3 87.2 0.4% -0.3%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI	November November December	4.6% 48.2		5.3% 4.8% 48.3	GERMANY IFO- Business Climate Indicator IFO- Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM)	December December December	85.6 84.0 87.5		85.7 84.3 87.2	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing	November November December December	4.6% 48.2 49.5		5.3% 4.8% 48.3 49.5	GERMANY IFO-Business Climate Indicator IFO-Current Assessment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence	December December December November	85.6 84.0 87.5 0.5% 0.3%		85.7 84.3 87.2 0.4% -0.3%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI	November November December December	4.6% 48.2 49.5		5.3% 4.8% 48.3 49.5	GERMANY IFO-Business Climate Indicator IFO-Current Assessment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence	December December December November	85.6 84.0 87.5 0.5% 0.3%		85.7 84.3 87.2 0.4% -0.3%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industriat production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI	November November December December December	4.6% 48.2 49.5 45.3		5.3% 4.8% 48.3 49.5 45.2	GERMANY IFO-Business Climate Indicator IFO-Current Assessment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence	December December December November	85.6 84.0 87.5 0.5% 0.3%		85.7 84.3 87.2 0.4% -0.3%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI	November November December December December	48.2 49.5 45.3		5.3% 4.8% 48.3 49.5 45.2	GERMANY IFO-Business Climate Indicator IFO-Current Assessment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence	December December December November	85.6 84.0 87.5 0.5% 0.3%		85.7 84.3 87.2 0.4% -0.3%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industriat production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI	November November December December December	4.6% 48.2 49.5 45.3		5.3% 4.8% 48.3 49.5 45.2	GERMANY IFO-Business Climate Indicator IFO-Current Assessment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence	December December December November	85.6 84.0 87.5 0.5% 0.3%		85.7 84.3 87.2 0.4% -0.3%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US	November November December December December December	4.6% 48.2 49.5 45.3 51.0 48.2		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0	GERMANY IFO-Business Climate Indicator IFO-Current Assessment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence	December December December November	85.6 84.0 87.5 0.5% 0.3%		85.7 84.3 87.2 0.4% -0.3%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI	November November December December December December	4.6% 48.2 49.5 45.3		5.3% 4.8% 48.3 49.5 45.2	GERMANY IFO-Business Climate Indicator IFO-Current Assessment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence	December December December November	85.6 84.0 87.5 0.5% 0.3%		85.7 84.3 87.2 0.4% -0.3%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US	November November December December December December	4.6% 48.2 49.5 45.3 51.0 48.2		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index	December December December November	85.6 84.0 87.5 0.5% 0.3%		85.7 84.3 87.2 0.4% -0.3%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI Thursday 19	November November December December December December	4.6% 48.2 49.5 45.3 51.0 48.2 49.8		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20	December December December November	85.6 84.0 87.5 0.5% 0.3% 47		85.7 84.3 87.2 0.4% -0.3% 46	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI US S&P Global US Manufacturing PMI Thursday 19 JAPAN	November November December December December December	4.6% 48.2 49.5 45.3 51.0 48.2		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN	December December November December	85.6 84.0 87.5 0.5% 0.3% 47	 	85.7 84.3 87.2 0.4% -0.3% 46	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Manufacturing PMI US S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI Thursday 19 JAPAN Bank of Japan announces its	November November December December December December December	48.2 49.5 45.3 51.0 48.2 49.8	 	5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7	GERMANY IFO-Business Climate Indicator IFO-Current Assessment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (Yor)	December December November December	85.6 84.0 87.5 0.5% 0.3% 47		85.7 84.3 87.2 0.4% -0.3% 46	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI US Thursday 19 JAPAN Bank of Japan announces its	November November December December December December	48.2 49.5 45.3 51.0 48.2 49.8		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0	GERMANY IFO-Business Climate Indicator IFO-Current Assessment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (Y0Y) Core CPI (Y0Y) - ex. Fresh Food	December December November December	85.6 84.0 87.5 0.5% 0.3% 47	 	85.7 84.3 87.2 0.4% -0.3% 46	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI US Intervention rate UK	November November December December December December December	48.2 49.5 45.3 51.0 48.2 49.8	 	5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food	December December November November November November	85.6 84.0 87.5 0.5% 0.3% 47	 	85.7 84.3 87.2 0.4% -0.3% 46	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Manufacturing PMI US S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI Flursday 19 JAPAN Bank of Japan announces its intervention rate UK Bank of Japan announces its	November November December December December December December	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$\$ 0.50%	 	5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator	December December November December	85.6 84.0 87.5 0.5% 0.3% 47	 	85.7 84.3 87.2 0.4% -0.3% 46	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI US Thursday 19 JAPAN Bank of Japan announces its intervention rate UK Bank of England announces its intervention rate	November November December December December December December	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$\$ 0.50%	 	5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7	GERMANY IFO-Business Climate Indicator IFO-Current Assessment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US	December November November November November December	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{\sqrt{\sq}}}}}}\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}\sqrt{\sqrt{\sqrt{\sq}}\sqrt{\sqrt{\sq}\sq}\sq\sint{\sq}\sq\sint{\sinitita}}}}\sign{\sint\sign{\sq}\sq}\sqrt{\sq}\sq}\sign{\sq}\s	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI US S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI INTUS S&P Global US Manufacturing PMI US S&P Global US Manufacturing PMI INTUS INT	November November December December December December December	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$ 0.50% 4.75%	 	5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25%	GERMANY IFO-Business Climate Indicator IFO-Current Assessment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal income (MoM)	December December November December November December November November November November November	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}\$\$\	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI Thursday 19 JAPAN Bank of Japan announces its intervention rate UK US Bank of England announces its intervention rate US Initial Jobless Claims (k)	November November November December December December December December December December 19 December 19	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$\$ 0.50%	 	5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25% 4.75%	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal Income (MoM) Personal spending (MoM)	December December November December December December December	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}\$\$\	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6% 0.4%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US US S&P Global UK Manufacturing PMI US US S&P Global UK Manufacturing PMI US Inturaday 19 JAPAN Bank of Japan announces its intervention rate UK Bank of England announces its intervention rate US Initial Jobless Claims (k) Continuing Jobless Claims (k)	November November November December December December December December December 19 December 19 December 30	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$ 0.50% 4.75% 229	 	5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25% 4.75%	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal income (MoM) Personal spending (MoM) PCE Price Index YoY	December November	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}.6\text{\text{\text{\$\circ}}}\$ -14.0 0.5\text{\text{\text{\$\circ}}}\$	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6% 0.4% 0.4%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industriat production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI Intervention rate UK Bank of Japan announces its intervention rate US Initial Jobless Claims (k) Continuing Jobless Claims (k) GDP (QoQ, annualized)	November November November December December December December December December 19 December 19 December 30 Q3:2024	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$ 0.50% 4.75% 229		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25% 4.75% 242 1886 2.8%	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal Income (MoM) Personal spending (MoM)	December December November December December December December	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}\$\$\	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6% 0.4%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US US S&P Global UK Manufacturing PMI US US S&P Global UK Manufacturing PMI US Inturaday 19 JAPAN Bank of Japan announces its intervention rate UK Bank of England announces its intervention rate US Initial Jobless Claims (k) Continuing Jobless Claims (k)	November November November December December December December December December 19 December 19 December 30	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$ 0.50% 4.75% 229	 	5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25% 4.75%	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal income (MoM) Personal spending (MoM) PCE Price Index YoY	December November	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}.6\text{\text{\text{\$\circ}}}\$ -14.0 0.5\text{\text{\text{\$\circ}}}\$	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6% 0.4% 0.4%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industriat production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI Intervention rate UK Bank of Japan announces its intervention rate US Initial Jobless Claims (k) Continuing Jobless Claims (k) GDP (QoQ, annualized)	November November November December December December December December December 19 December 19 December 30 Q3:2024	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$ 0.50% 4.75% 229		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25% 4.75% 242 1886 2.8%	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal income (MoM) Personal spending (MoM) PCE Price Index YoY	December November	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}.6\text{\text{\text{\$\circ}}}\$ -14.0 0.5\text{\text{\text{\$\circ}}}\$	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6% 0.4% 0.4%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industriat production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI Intervention rate UK Bank of Japan announces its intervention rate US Initial Jobless Claims (k) Continuing Jobless Claims (k) GDP (QoQ, annualized)	November November November December December December December December December 19 December 19 December 30 Q3:2024	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$ 0.50% 4.75% 229		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25% 4.75% 242 1886 2.8%	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal income (MoM) Personal spending (MoM) PCE Price Index YoY	December November	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}.6\text{\text{\text{\$\circ}}}\$ -14.0 0.5\text{\text{\text{\$\circ}}}\$	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6% 0.4% 0.4%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industriat production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI Intervention rate UK Bank of Japan announces its intervention rate US Initial Jobless Claims (k) Continuing Jobless Claims (k) GDP (QoQ, annualized)	November November November December December December December December December 19 December 19 December 30 Q3:2024	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$ 0.50% 4.75% 229		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25% 4.75% 242 1886 2.8%	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal income (MoM) Personal spending (MoM) PCE Price Index YoY	December November	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}.6\text{\text{\text{\$\circ}}}\$ -14.0 0.5\text{\text{\text{\$\circ}}}\$	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6% 0.4% 0.4%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industriat production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI Intervention rate UK Bank of Japan announces its intervention rate US Initial Jobless Claims (k) Continuing Jobless Claims (k) GDP (QoQ, annualized)	November November November December December December December December December 19 December 19 December 30 Q3:2024	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$ 0.50% 4.75% 229		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25% 4.75% 242 1886 2.8%	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal income (MoM) Personal spending (MoM) PCE Price Index YoY	December November	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}.6\text{\text{\text{\$\circ}}}\$ -14.0 0.5\text{\text{\text{\$\circ}}}\$	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6% 0.4% 0.4%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industriat production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI Intervention rate UK Bank of Japan announces its intervention rate US Initial Jobless Claims (k) Continuing Jobless Claims (k) GDP (QoQ, annualized)	November November November December December December December December December 19 December 19 December 30 Q3:2024	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$ 0.50% 4.75% 229		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25% 4.75% 242 1886 2.8%	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal income (MoM) Personal spending (MoM) PCE Price Index YoY	December November	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}.6\text{\text{\text{\$\circ}}}\$ -14.0 0.5\text{\text{\text{\$\circ}}}\$	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6% 0.4% 0.4%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industriat production (YoY) Retail sales (YoY) EURO AREA HCOB Eurozone Composite PMI HCOB Eurozone Services PMI HCOB Eurozone Manufacturing PMI UK S&P Global UK Services PMI S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global UK Manufacturing PMI US S&P Global US Manufacturing PMI Intervention rate UK Bank of Japan announces its intervention rate US Initial Jobless Claims (k) Continuing Jobless Claims (k) GDP (QoQ, annualized)	November November November December December December December December December 19 December 19 December 30 Q3:2024	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$ 0.50% 4.75% 229		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25% 4.75% 242 1886 2.8%	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal income (MoM) Personal spending (MoM) PCE Price Index YoY	December November	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}.6\text{\text{\text{\$\circ}}}\$ -14.0 0.5\text{\text{\text{\$\circ}}}\$	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6% 0.4% 0.4%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311
Manufacturing CHINA Industrial production (YoY) Retail sales (YoY) Retail sales (YoY) Retail sales (YoY) Retail sales (YoY) RETAIN SALES (YOY) RET	November November November December December December December December December 19 December 19 December 30 Q3:2024	4.6% 48.2 49.5 45.3 51.0 48.2 49.8 \$ 0.50% 4.75% 229		5.3% 4.8% 48.3 49.5 45.2 50.8 48.0 49.7 P 0.25% 4.75% 242 1886 2.8%	GERMANY IFO-Business Climate Indicator IFO-Current Assesment IFO-Expectations US Retail sales (MoM) Industrial Production (MoM) NAHB housing market confidence index Friday 20 JAPAN CPI (YoY) Core CPI (YoY) - ex. Fresh Food EURO AREA Consumer Confidence Indicator US Personal income (MoM) Personal spending (MoM) PCE Price Index YoY	December November	85.6 84.0 87.5 0.5% 0.3% 47 \$\frac{1}{2}.6\text{\text{\text{\$\circ}}}\$ -14.0 0.5\text{\text{\text{\$\circ}}}\$	A	85.7 84.3 87.2 0.4% -0.3% 46 P 2.3% 2.3% -13.7 0.6% 0.4% 0.4%	CPI Core (YoY) US Building permits (k) Housing starts (k) Federal Reserve announces its	November November November	3.6% 1431 1342		3.3% 1419 1311

4310

3216

10922163

-0,2

0,0

-0,3

14,3

3,8

41,1

15,5

6,1

40,2

55,8

47,9

113,2



Spain

Greece

Hong Kong

IBEX-35

ASE

Hang Seng

11752

19971

1469

-2,6

0,5

0,9

16,3

17,2

13,6

16,4

23,1

13,7

41,1

1,9

59,6

Equity Markets (in local currency) 2-year change Emerging Markets Year-to-Date 1-Year Current Year-to-Date 1-Year 2-year change **Developed Markets** Level change (%) change (%) Level change (%) change (%) change (%) change (%) (%) US S&P 500 26,9 6051 -0,6 28,6 50,5 **MSCI Emerging Markets** 69363 0,4 12,7 16,9 19,0 NIKKEI 225 Japan 39470 1,0 41,2 MSCI Asia 1084 17,9 19,9 0,4 16,6 20,8 21,4 UK **MSCI UK** 9,3 China 66 0,4 2,0 2366 -0,1 6,8 9,7 16,8 19,7 Euro area EuroStoxx 512 -0,3 8,0 8,4 19,7 Korea 747 2,8 -10,1 -4,1 4,6 DAX 40 20406 21.8 21,7 MSCI Latin America 90287 -10.2 Germany 0.1 40,8 -0.7 -6.6 4.2 France CAC 40 7410 -0,2 -1,8 -1,6 9,9 Brazil 291546 -1,6 -13,0 -10,1 4,0 MSCI Italy 1115 0,3 15,9 15,9 42,8 Mexico 48313 0,8 -9,4 -5,7 3,2 Italy

MSCI Europe

Russia

Turkey

in US Dollar terms	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)	Investment Styles	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)
Energy	249,5	-1,9	2,1	5,2	2,1	Growth (Developed)	5941,6	-0,1	28,9	31,5	64,5
Materials	338,2	-2,3	-2,6	2,8	4,0	Value (Developed)	3781,0	-1,9	12,1	14,8	19,1
Industrials	419,4	-2,3	15,6	20,0	35,4	Large Cap (Developed)	2435,9	-0,8	21,8	24,2	43,8
Consumer Discretionary	486,3	1,0	25,0	27,3	56,1	Small Cap (Developed)	585,1	-2,1	10,7	15,9	22,0
Consumer Staples	289,7	-0,6	7,3	8,5	5,0	US Growth	4206,0	0,3	38,8	40,3	67,1
Healthcare	361,7	-2,6	2,4	3,9	2,0	US Value	1947,7	-2,0	13,4	15,2	32,0
Financials	187,6	-1,7	26,7	30,1	41,2	US Large Cap	6051,1	-0,6	26,9	28,6	50,5
IT	810,5	-0,5	35,3	36,8	89,4	US Small Cap	1488,6	-1,5	12,9	17,6	23,7
Telecoms	123,9	-0,9	28,7	30,7	60,7	US Banks	480,8	-3,2	36,9	43,3	45,9
Utilities	166,6	-2,7	11,9	10,7	6,5	EA Banks	147,3	1,0	24,4	24,9	56,5
Real Estate	1056,5	-2,4	3,4	6,8	5,1	Greek Banks	1298,4	1,4	22,3	21,7	103,6

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	4,40	4,15	3,86	4,03	2,47	US Treasuries 10Y/2Y	16	5	-39	-45	48
Germany	2,25	2,12	2,03	2,17	0,64	US Treasuries 10Y/5Y	15	12	3	3	28
Japan	1,04	1,05	0,62	0,69	0,21	Bunds 10Y/2Y	19	10	-37	-49	45
UK	4,41	4,28	3,54	3,83	1,80	Bunds 10Y/5Y	17	14	8	1	36
Greece	3,06	2,90	3,08	3,43	4,45						
Ireland	2,56	2,41	2,38	2,51	1,14	Corporate Bond Spreads	Current	Last week	Year Start	One Year	10-year
Italy	3,39	3,19	3,70	3,94	2,27	(in bps)	Current	Last week	real Start	Back	average
Spain	2,92	2,76	2,99	3,18	1,64	US IG	78	81	104	108	128
Portugal	2,71	2,53	2,79	2,94	2,03	US High yield	268	267	334	379	435
Emerging Markets (LC)**	4,24	4,29	4,67	4,83	4,55	Euro area IG	96	99	135	142	123
						Euro area High Yield	298	306	395	417	402
LIC Mantaga Mankat	Current	Last week	Year Start	One Year	10-year	Emerging Markets (HC)	164	174	244	265	302
US Mortgage Market	Current	Last week	real Start	Back	average	iTraxx Senior Financial 5Y2	60	59	67	73	0
30-Year FRM1 (%)	6,67	6,69	6,71	7,07	4,67						
vs 30Yr Treasury (bps)	206,0	233,0	273,0	288,0	174,9						

Foreign Exchange	Current	1-week change (%)	1-month change (%)	1-Year change (%)	Year-to-Date change (%)	Commodities	Current	1-week change (%)	1-month change (%)	1-Year change (%)	Year-to-Date change (%)
Euro-based cross rates											
EUR/USD	1,05	-0,7	-0,9	-2,8	-5,0	Agricultural	380	0,1	3,6	-2,8	-1,7
EUR/CHF	0,94	1,1	0,2	-0,9	0,8	Energy	239	5,0	2,9	0,3	-2,7
EUR/GBP	0,83	0,3	-0,1	-3,5	-4,0	West Texas Oil (\$/bbl)	72	4,3	4,0	3,5	-0,5
EUR/JPY	161,20	1,8	-1,8	2,9	3,5	Crude brent Oil (\$/bbl)	74	4,7	3,1	0,3	-3,3
EUR/NOK	11,70	-0,6	-0,6	-0,8	4,3	HH Natural Gas (\$/mmbtu)	3,3	5,1	9,7	39,7	30,3
EUR/SEK	11,52	-0,1	-0,8	2,2	3,5	TTF Natural Gas (EUR/mwh)	41	-11,3	-5,8	15,2	30,4
EUR/AUD	1,65	-0,2	1,2	0,6	1,9	Industrial Metals	451	-0,2	1,6	12,9	6,7
EUR/CAD	1,49	0,0	1,0	1,9	2,5	Precious Metals	3468	0,4	2,3	34,1	29,1
USD-based cross rates						Gold (\$)	2649	0,6	2,9	30,7	28,4
USD/CAD	1,42	0,5	1,7	5,3	7,4	Silver (\$)	31	-1,3	0,8	28,6	28,5
USD/AUD	1,57	0,5	2,2	3,5	7,3	Baltic Dry Index	1051	-9,9	-35,5	-56,9	-49,8
USD/JPY	153,69	2,5	-0,9	5,9	9,0	Baltic Dirty Tanker Index	921	-2,3	3,6	-15,5	-23,3

95

90

85

80

23 Jan-24 Feb-24 Mar-24 Apr-24

Dec-

Equity Market Performance S&P500 EuroStoxx Nikkei 225 China CSI300 MSCI China 140 140 135 135 130 130 125 125 120 120 115 115 110 110 105 105 100 100

Jul-24

May-24 Jun-24

Data as of December 13th - Rebased @ 100

Nov-24 Dec-24

Oct-24

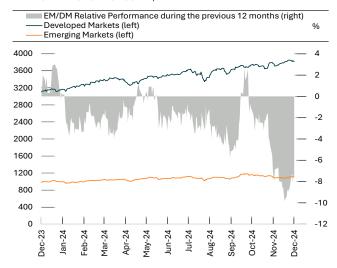
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90

85

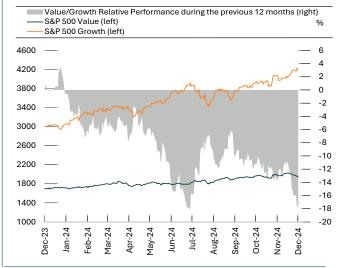
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EM vs DM Performance in \$



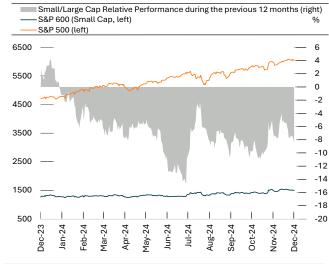
Data as of December 13th

S&P 500 Value & Growth Index



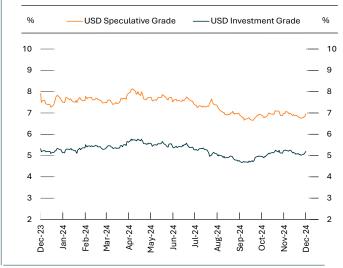
Data as of December 13th

S&P 500 & S&P 600 Index



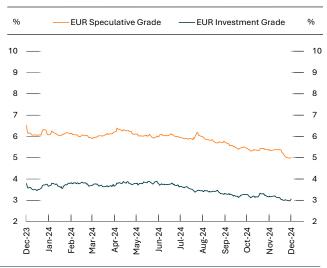
Data as of December 13th

USD Corporate Bond Yields

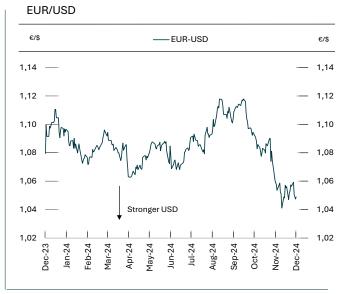


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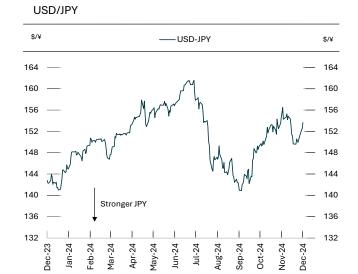
EUR Corporate Bond Yields



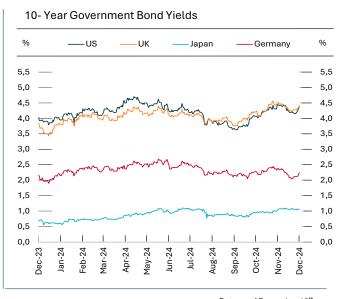
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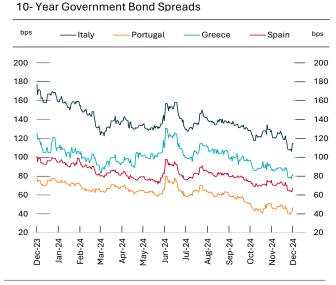




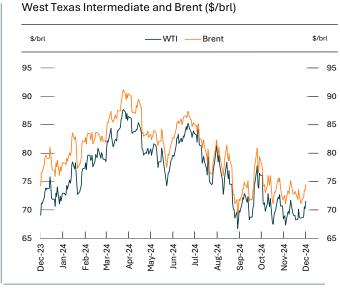
Data as of December 13th



Data as of December 13th

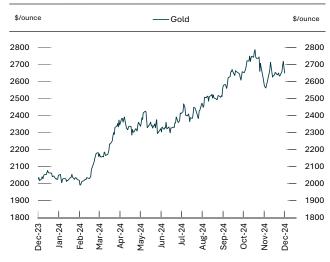


Data as of December 13th



Data as of December 13th

Gold (\$/ounce)



Data as of December 13th



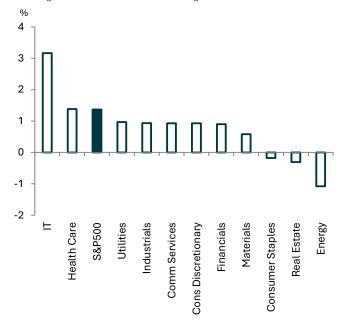
US Sectors Valuation

		Price (\$)		EPS Gro	owth (%)	Dividend	Yield (%)		P	E Ratio			P/BV R	atio	
	13/12/24	% Weekly Change	%YTD	2024	2025	2024	2025	2024	2025	12m fwd	20Yr Avg	2024	2025	Current	20Yr Avg
S&P500	6051	-0,6	26,9	9,9	14,4	1,2	1,3	25,7	22,5	22,4	16,0	5,1	4,6	5,1	3,0
Energy	677	-2,1	5,7	-17,7	4,9	3,3	3,5	15,0	14,2	14,2	17,7	2,1	2,0	2,1	2,0
Materials	560	-2,9	3,7	-8,2	18,9	1,8	1,9	23,7	19,9	19,9	15,8	3,0	2,8	3,0	2,8
Financials															
Diversified Financials	1414	-1,0	29,7	18,4	9,2	1,0	1,0	23,4	21,5	21,4	13,9	3,1	2,9	3,1	1,5
Banks	481	-3,2	36,9	3,0	3,0	2,4	2,6	13,5	13,1	13,1	12,2	1,5	1,4	1,5	1,3
Insurance	811	-3,4	26,9	24,7	11,2	1,5	1,6	15,8	14,2	14,2	11,1	2,6	2,3	2,6	1,4
Real Estate	268	-2,4	6,3	1,3	7,7	3,2	3,3	41,2	38,2	38,2	16,9	3,2	3,3	3,2	N/A
Industrials															
Capital Goods	1285	-2,1	25,5	-4,5	19,8	1,2	1,3	29,0	24,2	24,1	16,3	6,7	6,0	6,7	3,7
Transportation	1008	-2,6	1,0	3,6	16,9	1,7	1,8	20,5	17,5	17,6	16,2	5,0	4,4	5,0	3,9
Commercial Services	711	-2,7	22,7	11,0	10,8	1,1	1,2	34,2	30,9	30,5	19,6	11,0	9,6	10,8	4,3
Consumer Discretionary															
Retailing	5366	-0,6	38,0	30,0	13,7	0,5	0,6	34,4	30,2	30,3	22,3	11,0	8,4	11,0	7,4
Consumer Services	1931	-1,9	18,3	4,5	13,2	1,1	1,2	27,9	24,6	24,6	22,3	N/A	N/A	N/A	N/A
Consumer Durables	420	-2,7	-2,8	0,9	7,1	1,1	1,1	17,8	16,6	16,7	16,1	3,8	3,4	3,7	3,2
Automobiles and parts	226	10,8	65,8	3,0	8,9	0,3	0,3	39,8	36,5	36,5	15,3	5,7	5,1	5,7	2,8
IT															
Technology	4522	1,3	27,2	8,9	11,3	0,6	0,6	31,6	28,4	27,6	16,3	21,6	20,1	21,3	6,7
Software & Services	5143	-1,2	21,1	16,6	10,7	0,6	0,7	37,2	33,6	32,2	20,6	11,0	9,2	10,2	6,0
Semiconductors	5781	-0,2	76,3	39,9	44,8	0,5	0,5	40,2	27,8	27,7	17,9	11,1	8,8	11,0	4,5
Communication Services	352	2,4	43,1	24,1	15,2	0,8	0,9	22,2	19,3	19,3	15,5	4,7	4,1	4,8	2,6
Media	1452	2,9	44,7	10,0	3,9	2,4	2,5	10,8	10,4	10,4	6,7	2,0	1,8	2,0	N/A
Consumer Staples															
Food & Staples Retailing	993	-0,5	40,7	2,4	4,8	1,7	1,1	32,5	31,0	30,9	17,7	8,0	7,2	8,0	3,7
Food Beverage & Tobacco	829	-0,3	3,9	3,1	5,0	3,5	3,7	17,6	16,7	16,7	17,0	5,2	4,9	5,2	5,2
Household Goods	896	-1,6	11,3	8,1	5,0	2,4	2,6	25,5	24,3	23,7	19,8	8,9	8,4	8,7	6,1
Health Care															
Pharmaceuticals	1320	-1,9	3,5	6,6	28,7	2,0	2,1	21,8	16,9	16,9	14,6	5,8	5,1	5,8	4,4
Healthcare Equipment	1946	-2,9	2,5	3,4	9,7	1,2	1,2	20,7	18,9	18,9	16,1	4,0	3,7	4,0	3,1
Utilities	392	-2,7	21,7	13,4	8,7	2,8	3,0	19,8	18,2	18,2	15,9	2,2	2,1	2,2	1,9

The prices data are as of 13/12/2024, while the EPS growth, Dividend yield, P/E ratio and P/BV ratio are as of 5/12/2024. Blue box indicates a value more than +2standard devation from average, light blue a value more than +1standard devation from average. Orange box indicates a value less than -2standard devation from average, light orange a value less than -1standard devation from average.

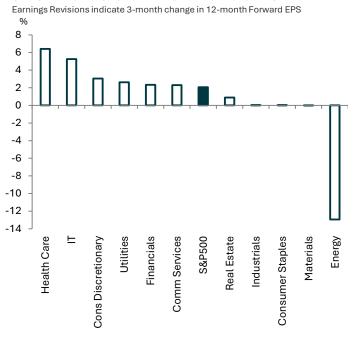
1-month revisions to 12-month Forward EPS

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



Data as of December 12th 12-month forward EPS are 4% of 2024 EPS and 96% of 2025 EPS

3-month revisions to 12-month Forward EPS



Data as of December 12th

12-month forward EPS are 4% of 2024 EPS and 96% of 2025 EPS



Euro Area Sectors Valuation

		Price (€)		EPS Gro	wth (%)	Dividend	Yield (%)		P/	E Ratio			P/I	BV Ratio	
	13/12/24	% Weekly Chan	ge %YTD	2024	2025	2024	2025	2024	2025	12m fwd	20Yr Avg	2024	2025	Current	20Yr Avg
EuroStoxx	512	-0,3	8,0	-0,4	8,2	3,4	3,6	13,9	12,9	12,9	12,8	1,7	1,6	1,7	1,6
Energy	119	-1,7	-3,0	-14,6	4,7	5,4	5,6	9,0	8,6	8,5	10,3	1,2	1,1	1,2	1,5
Materials	944	-0,7	-9,2	4,8	18,3	3,0	3,2	17,9	15,1	15,1	14,2	1,4	1,4		1,8
Basic Resources	179	-1,1	-18,9	-19,2	30,1	3,6	3,8	11,9	9,2	9,2	11,6	0,6	0,6		1,0
Chemicals	1440	-0,6	-7,0	16,0	14,5	2,9	3,1	19,8	17,3	17,3	15,2	1,8	1,8		2,2
Financials															
Banks	147	1,0	24,4	10,3	2,2	7,2	7,5	6,7	6,5		9,2	0,8	0,7	0,8	0,9
Insurance	436	0,1	24,6	10,0	12,6	5,1	5,5	11,0	9,8	9,8	9,1	1,6	1,5	1,6	1,1
Financial Services	633	-0,3	13,6	7,9	-28,4	3,0	3,1	10,3	14,4	14,3	14,2	1,5	1,4	1,5	1,5
Real Estate	149	-2,9	-0,3	15,7	3,7	4,8	5,1	12,9	12,5	12,5	12,7	0,8	0,8	0,8	1,0
Industrials															
Industrial Goods & Services	1327	-1,2	16,6	6,6	15,9	2,2	2,4	20,7	17,9	17,9	15,4	3,3	3,0	3,3	2,6
Construction & Materials	645	-0,5	6,1	-1,0	12,2	3,4	3,8	13,4	12,0	12,0	13,2	1,7	1,6	1,7	1,6
Consumer Discretionary															
Retail	912	-8,6	30,8	16,4	10,5	3,0	3,3	26,5	24,0	24,1	17,4	6,0	5,6	6,0	2,9
Automobiles and parts	549	2,9	-9,4	-31,6	10,9	5,1	5,5	6,9	6,2	6,2	11,2	0,6	0,6	0,6	1,1
Travel and Leisure	253	1,4	13,1	-9,7	22,6	2,8	3,1	12,8	10,5	10,5	27,7	2,2	1,9	2,1	2,1
Consumer Products & Services	450	0,7	-8,6	4,1	14,6	1,7	1,9	28,5	24,9	24,9	21,2	4,8	4,4	4,8	3,9
Media	376	0,8	14,8	6,3	9,1	2,2	2,4	20,7	19,0	19,0	15,4	3,6	3,4	3,6	2,3
Technology	1075	0,3	13,2	-6,1	18,2	1,0	1,2	29,0	24,6	24,6	19,2	5,1	4,6	5,1	3,4
Consumer Staples															
Food, Beverage & Tobacco	151	1,2	-8,7	3,6	9,3	2,6	2,8	17,5	16,0	15,9	17,8	1,7	1,6		2,8
Personal Care, Drug & Grocery	175	0,1	2,0	-1,4	10,1	3,5	3,7	13,9	12,6	12,6	N/A	1,9	1,8	1,9	2,1
Health care	811	-0,7	6,9	3,5	11,4	2,2	2,3	16,2	14,6	14,6	14,8	1,9	1,7	1,9	2,0
Communication Services	334	-1,9	20,2	13,2	12,0	3,8	4,1	16,5	14,7	14,7	13,0	1,7	1,6	1,7	1,8
Utilities	382	-2,0	-2,4	1,6	-5,6	5,4	5,4	11,6	12,3	12,3	13,0	1,5	1,5	1,5	1,5

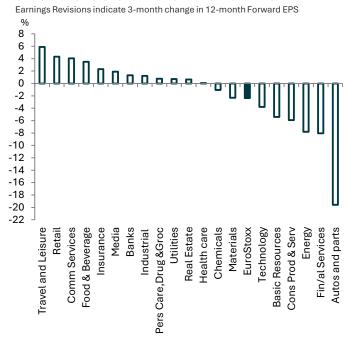
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1-month revisions to 12-month Forward EPS

Earnings Revisions indicate 1-month change in 12-month Forward EPS % 3 2 -1 -2 -3 -4 -5 -6 Energy Media Banks Materials Chemicals Comm Services Food & Beverage Retail Pers Care, Drug &Groc Real Estate Utilities EuroStoxx Cons Prod & Serv Health care Autos and parts Fin/al Services **Travel and Leisure Basic Resources Fechnology** Industrial

Data as of December 12th 12-month forward EPS are 4% of 2024 EPS and 96% of 2025 EPS

3-month revisions to 12-month Forward EPS



Data as of December 12th

12-month forward EPS are 4% of 2024 EPS and 96% of 2025 EPS



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