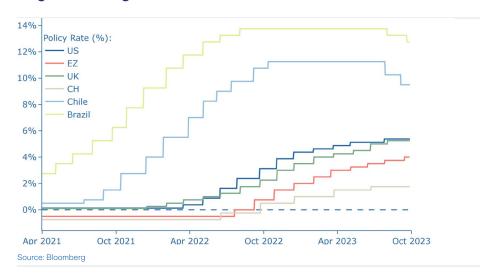


Monthly Investment Insights

3 October 2023



'Higher for longer' rates unsettle investors



All the major central banks had their policy meetings last month and most of them surprised the market by maintaining a hawkish rhetoric, even when moving to a pause mode, and warning that interest rates will likely stay at elevated levels for an extended period.

Higher interest rates increase economic risk as the higher cost of debt will erode companies' earnings and profitability as well as limit households' discretionary spending and their ability continue to spend at current elevated levels. For the time being, interest costs for companies and debt service ratios for households haven't moved up that much, but we expect these worsen. Interest rates charged on all the types of debt, both for companies and individuals, have moved up in line with central bank and financial markets yields. This should lead to significant payment shock when borrowers will have to refinance existing debt or establish new funding. As an example, the average interest rate charged to credit card customers is above 22% and an increasing number of households indicate that they need to use credit cards to fund their daily expenses.

Despite the current strength of the US job market, defaults have risen for consumer loans and are moving back to pre-Covid levels. Deterioration is particularly noticeable for the weaker borrowers like subprime customers. We think that the resumption of student loan repayments will add more pressure to households' finances. This may limit their ability to service current debt or force them to cut spending. The latest bank surveys highlighted that lenders are already tightening their lending standards and that demand for new loans is slowing. The household debt and credit report from the NY Fed warned that the share of debt transitioning into delinquency is increasing strongly. Looking at credit card and auto loans, these transition rates are now slightly above pre-pandemic levels. We think that this deterioration in credit fundamentals will weigh on risk assets and push investors to price a higher risk premium.

Economic data remain mixed and all the main equity markets, with the exception of China, are still positive YTD. We maintain our neutral assessment of equities versus government bonds for now, but continue to exercise caution in credit markets where potential upside seems limited compared to the risk of significant spread widening if the recession materialises.

Market Assessment

Key developments

- Oil prices have surged by 35% since June due to ongoing supply constraints
- Central banks reiterate that rates will remain higher for longer
- Equity markets retreat as investors factor in higher bonds yields

Zurich's view

The latest statements from global central banks have pushed interest rates higher and led investors to take a more cautious view towards risk assets. Investor sentiment is slowly moving away from the soft landing scenario that has prevailed these past months, and risk premia have started to emerge with a higher probability of an economic recession starting to be priced in. The strong momentum in the stock market has turned, with most equity indices stumbling and now significantly below their recent YTD highs. We see risks remaining to the downside.

Government bonds yields have surged. 10yr US Treasury yields are now back above 4.70%, their highest level since 2007, but they are likely to be capped given the pain now being inflected. Credit spreads were initially resilient but have now started to widen. We maintain our view that current credit spreads are too tight given the risk of a weaker economic growth. High Yield bonds appear to be particularly vulnerable given the rapid increase of bankruptcies and the upcoming impact of higher funding costs when companies are forced to refinance maturing bonds at higher rates.

Zurich's view Key developments The Flash PMIs remained weak in September and continue to point to Global growth remains well below Global stalling growth in Q3. In contrast to previous months, however, there trend with downbeat manufacturing are some tentative signs of improvements, mainly reflecting measures momentum and weakening services to support growth in China and a stabilisation in the global tech cycle. activity Inflation has fallen, with both core and services price pressures down Headline and core inflation fall, but sharply, though the level of inflation remains too high for central banks rising oil and food prices make to relax. This explains their hawkish guidance that rates will stay high further gains more challenging for longer, which triggered a snap higher in government bond yields. At these levels yields are a headwind for the economy, with growth Central banks adopt a high for expected to remain downbeat in the months ahead. This should help longer narrative for policy rates, to curtail price pressures despite the recent rise in global oil prices. triggering a sharp rise in government bond yields While still tight, the labour market softened further in September with The labour market softens further US the unemployment rate rising to 3.8%, wage growth slowing and job with rising unemployment and fewer openings falling to 8.8mn, the lowest level since March 2021. job openings Meanwhile, the housing market is showing renewed signs of weakness The Fed pauses as expected but with strong declines in housing starts and new home sales. A signals that yields may stay higher substantial dip in the home builder survey indicates that more for longer headwinds lie ahead. Headline inflation reaccelerated in August, driven by energy prices, triggering fears of a drawn-out fight against The housing market shows renewed inflation. This was reflected in the Fed's projections that still show one signs of weakness with housing additional rate hike this year but now include fewer rate cuts in 2024. starts and new home sales falling The combination of a deteriorating growth outlook and the risk of higher yields for longer led to a substantial sell-off in the stock market. Growth slowed further in September with the Composite PMI falling to The PMI signals the fastest UK 46.8, the fastest reduction in output since the lockdown period in slowdown in business activity since January 2021. Furthermore, a combination of weak demand and lower the lockdown period in January cost inflation contributed to the slowest increase in average prices 2021 charged by private sector companies since February 2021. Headline Inflation falls more than consensus and particularly core inflation slowed more than consensus expected, expected inducing the BoE to to annual rates of 6.7% and 6.2% respectively. The fading price pause in its hiking cycle pressure led the Bank of England to pause in its hiking cycle. Meanwhile, the labour market keeps softening. The unemployment The labour market shows signs of rate ticked up to 4.3% in July while business surveys point at further softening as the economic outlook weakness. Aside from the pandemic lockdown months, the rate of job deteriorates shedding was the fastest since October 2009. The economy is in stagnation and The ECB delivered a dovish hike in September, raising the key deposit Eurozone rate by 25bps to 4% but signalling that this was likely to be the last growth headwinds will remain in place given policy tightening and a hike in this hiking cycle unless inflation reaccelerates. Similarly to the weak external backdrop Fed, the ECB emphasised that rates will be kept higher for longer, amid sticky inflation and still strong wage growth. It was therefore CPI inflation surprises to the encouraging that both core and headline CPI fell more sharply than downside, with both core and expected in September, with the core measure now at 4.5%, down services inflation falling at a brisk from 5.3% in August, though rising oil prices will be a headwind to further declines in inflation in the months ahead and wage growth remains brisk. Thus, the ECB is likely to maintain its hawkish rhetoric The ECB hikes again and adopts a for the time being despite a challenging outlook for the economy. higher for longer narrative for policy rates The SNB left rates unchanged at 1.75% in September while reiterating Growth remains well below trend, Switzerland its intention to remain active in the FX market. The inflation forecast led by the manufacturing sector was lowered to below 2% from the beginning of Q1 2025 and onward, Inflation falls further, with both core signalling that further rate hikes may not be needed. The decision was and headline CPI below 2% more dovish than expected, with the SNB highlighting slowing global growth and falling Swiss inflation as reasons for the dovish shift. While A dovish SNB leaves rates growth has fallen sharply in Switzerland, there are signs that unchanged and signals that further

rate hikes may not be required

conditions are stabilising, with the leading KOF indicator continuing to

hold up in September and the PMIs ticking higher. Consumption is resilient and job growth appears to have stabilised, having fallen in Q2. We maintain our below consensus forecast but still expect the economy to remain relatively resilient in the months ahead.

Zurich's view Key developments Japanese equities belong to the best performing major equity markets The MSCI Japan continues to climb Japan so far this year, together with US tech stocks. The MSCI Japan has higher, but technical indicators rallied more than 23% in the first nine months of the year, 15pps more argue for some caution in the short than the MSCI World. As confirmed by the outperformance, global investors were clearly convinced that corporate governance reforms JGB yields continue to move higher would have a positive impact on investor returns. We agree that this in anticipation of changes to argument is convincing, though a negative technical divergence monetary policy implied by momentum indicators argues for some caution in the short term. Meanwhile, the USDJPY moved close to the 150, and the 10yr JPY weakens further, close to 150 JGB yield has moved up another 12bps to 0.77% based on versus USD expectations that yield curve control (YCC) and negative interest rate policy (NIRP) may come to an end next year. Both 'A' and 'H'-share indices as well as the MSCI China marked fresh The MSCI China marked new lows China lows for the year. Several attempts to ignite a rally failed. Without a for this year multi-day advance underpinned by high volume a break out to the Investor pessimism remains high upside appears unlikely. However, we note that pessimism towards Chinese equities is high, which suggests that investors are not Authorities do not want to spur positioned for a recovery. Furthermore, in relative terms versus the stronger exports via a weaker CNY MSCI World, China's equity index avoided a new low for this year and appears to be in a bottoming process. It will be interesting to watch whether investor appetite will recover after the Golden Week holidays. Meanwhile, the USDCNH currency pair matched the high marked in November last year, but avoided further CNH depreciation. In Q2, Australia's GDP grew by 0.4% QoQ and 2.1% YoY, with a Consumption has notably Australia positive revision for Q1. Growth held up better than anticipated due to weakened, but growth has been robust service exports and a spike in commodity shipments. While sustained due to resilient exports higher rates have dampened consumer spending, consumption has The Reserve Bank of Australia not yet fallen off the cliff. The sharp increase of immigrants in Q1 (RBA) has kept its policy rate steady represents 2.2% growth in population and will likely support consumer at 4.1% but maintains a hawkish bias spending. As inflation is falling faster than expected, the RBA has some leeway to maintain its cash rate at 4.1%, while preserving its Equity performance remains choppy hawkish bias. High interest rates coupled with weaker growth do not while bond yields continue to rise as bode well for risk assets, with equities remaining volatile. Australia's sentiment shifts towards higher 10yr yield continues to rise, mirroring the US Treasury. Until inflation interest rates for longer falls back to target markets are likely to remain unsettled. PMI paint a mixed picture in ASEAN. While Indonesia's Manufacturing Trade continues to be weak, though **ASEAN** there are initial signs of a pickup in PMI was strong, PMIs in export-oriented economies such as Malaysia, tech exports Vietnam, and Singapore remained below 50. Export data are somewhat volatile, but there are indications of a pickup in electronics Growth is more resilient than exports. Contrary to the bleak outlook in the external sector, domestic anticipated, buoyed by strong consumption has held up well, partly bolstered by the recovery in consumption and investment tourism and strong capex investment. Inflation is stable across the

Both equities and bonds are range-

trading with muted foreign inflows

region, although food prices are rising in some countries due to the

adverse weather effects of El Niño. Central banks have paused their

rate hikes, and rate cuts are likely next year. Foreign fund flows into both bonds and equities remain subdued as investors stay cautious against a backdrop of weaker global growth and higher interest rates.

Valuation snapshot (MSCI Indices)

Current trailing valuations

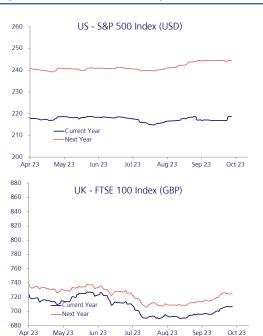
	US	Europe ex UK	UK	Switzerland	Japan	APAC ex. Japan	China	Brazil	Mexico
12m Trailing P/E	20.84	15.20	11.29	18.52	15.56	14.14	14.35	5.33	13.05
12m Trailing P/B	3.90	1.96	1.74	3.17	1.29	1.61	1.40	1.46	1.98
12m Trailing P/CF	14.12	9.10	5.71	17.37	9.24	8.40	7.52	3.82	8.72
Dividend Yield	1.67	2.93	3.69	3.02	2.53	3.06	2.40	13.04	3.82
ROE	18.70	12.91	15.37	17.10	8.26	11.39	9.74	27.43	15.13

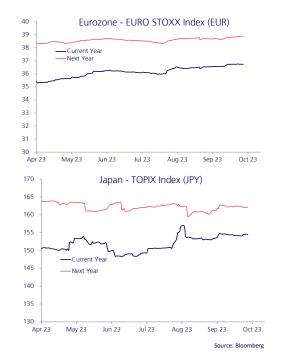
Current trailing valuations relative to MSCI world

	US	Europe ex UK	UK	Switzerland	Japan	APAC ex. Japan	China	Brazil	Mexico
12m Trailing P/E	1.21	0.88	0.65	1.07	0.90	0.82	0.83	0.31	0.76
12m Trailing P/B	1.52	0.77	0.68	1.24	0.50	0.63	0.55	0.57	0.77
12m Trailing P/CF	1.27	0.82	0.51	1.56	0.83	0.76	0.68	0.34	0.79
Dividend Yield	0.74	1.29	1.62	1.33	1.11	1.34	1.05	5.74	1.68
ROE	1.26	0.87	1.04	1.15	0.56	0.77	0.66	1.85	1.02

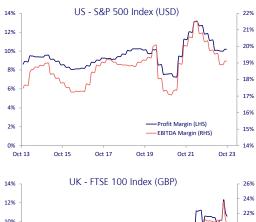
Source: Datastream

Earnings estimates - Full fiscal years



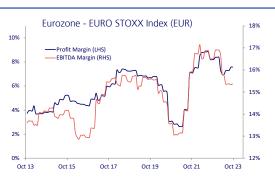


Historical margins



Aug 23

Sep 23

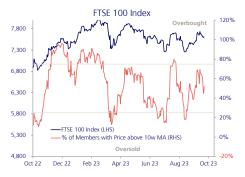




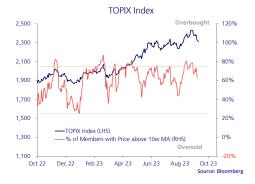


Overbought / Oversold





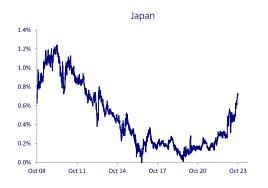




Yield Curve Steepness (2yr-10yr)





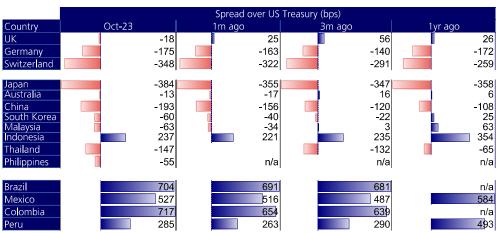




Source. I

Spread Snapshot

Generic Government Yields (10yr)



Generic Government Yields (10yr)

			Spread over Gerr	man Bund (bps)	
Country	Oct	- 23	1m ago	3m ago	1yr ago
France		56	52	55	61
Netherlands		35	33	36	32
Belgium		66	63	67	66
Austria		61	60	64	71
Ireland		41	38	43	n/a
Italy		192	169	175	241
Spain		109	103	102	118
Portugal		76	73	75	107

Economic data

US	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Trend*
ISM Manufacturing (Index)	51.0	50.0	49.0	48.4	47.4	47.7	46.3	47.1	46.9	46.0	46.4	47.6		down
ISM Non-Manufacturing (Index)	55.9	54.5	55.5	49.2	55.2	55.1	51.2	51.9	50.3	53.9	52.7	54.5		up
Durable Goods (% MoM)	0.3	1.0	-3.1	4.5	-1.3	- 2.7	3.3	1.2	2.0	4.3	-5.6	0.2		down
Consumer Confidence (Index)	107.8	102.2	101.4	109.0	106.0	103.4	104.0	103.7	102.5	110.1	114.0	108.7	103.0	up
Retail Sales (% MoM)	9.4	8.8	6.1	6.0	7.4	5.3	2.2	1.3	2.1	1.5	2.6	2.5		up
Unemployment Rate (%)	3.5	3.7	3.6	3.5	3.4	3.6	3.5	3.4	3.7	3.6	3.5	3.8		up
Avg Hourly Earnings YoY (% YoY)	5.9	5.7	5.7	5.4	5.2	5.3	5.2	4.9	4.9	4.7	4.7	4.5		down
Change in Payrolls ('000, MoM)	350.0	324.0	290.0	239.0	472.0	248.0	217.0	217.0	281.0	105.0	157.0	187.0		down
PCE (% YoY)	5.5	5.3	5.1	4.9	4.9	4.8	4.8	4.8	4.7	4.3	4.3	3.9		down
GDP (%, QoQ, Annualized)	2.7			2.6			2.2			2.1				
UK	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Trend*
PMI Services (Index)	50.0	48.8	48.8	49.9	48.7	53.5	52.9	55.9	55.2	53.7	51.5	49.5	47.2	down
Consumer Confidence (Index)	-49.0	-47.0	-44.0	-42.0	-45.0	-38.0	-36.0	-30.0	-27.0	-24.0	-30.0	-25.0	-21.0	up
Unemployment Rate (%)	3.6	3.7	3.7	3.7	3.7	3.8	3.9	3.8	4.0	4.2	4.3			down
CPI (% YoY)	10.1	11.1	10.7	10.5	10.1	10.4	10.1	8.7	8.7	7.9	6.8	6.7		down
GDP (% YoY)	2.1			0.7			0.5			0.6				
Eurozono	Sep-22	Oct 22	Nov-22	Doc 22	Jan-23	Feb-23	Mar 22	Apr 22	May 22	Jun-23	Jul-23	Aug 22	Con 22	Trend*
Eurozone PMI Manufacturing (Index)	48.4	Oct-22 46.4	47.1	Dec-22 47.8	48.8	48.5	Mar-23 47.3	Apr-23 45.8	May-23 44.8	43.4	42.7	Aug-23 43.5	Sep-23 43.4	down
PMI Services (Index)	48.8	48.6	48.5	49.8	50.8	52.7	55.0	56.2	55.1	52.0	50.9	47.9	48.4	down
IFO Business Climate (Index)	85.3	85.3	86.7	88.7	90.0	90.7	93.0	93.5	91.7	88.6	87.4	85.8	85.7	down
Industrial Production (% MoM)	0.2	-1.9	1.1	-1.2	0.5	1.8	-4.5	1.3	0.1	0.4	-1.1			up
Factory Orders GE (% MoM)	-2.3	0.1	-2.8	1.8	0.6	4.3	-10.7	0.1	6.2	7.6	-11.7			up
Unemployment Rate (%)	6.7	6.7	6.7	6.7	6.7	6.6	6.5	6.5	6.5	6.4	6.4			down
M3 Growth (% YoY, 3 months MA)	6.0	4.9	4.6	3.8	3.1	2.6	2.1	1.4	0.9	0.5	-0.4	-1.3		down
CPI (% YoY)	9.9	10.6	10.1	9.2	8.6	8.5	6.9	7.0	6.1	5.5	5.3	5.2	4.3	down
Core CPI (% YoY)	4.8	5.0	5.0	5.2	5.3	5.6	5.7	5.6	5.3	5.5	5.5	5.3	4.5	down
GDP (% QoQ)	0.3			-0.1			0.1			0.1				
			•						•					
Switzerland	Sep-22	Oct-22	Nov-22	Dec - 22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Trend*
KOF Leading Indicator (Index)	96.2	92.2	98.2	99.0	101.6	101.6	100.5	97.8	95.9	93.8	96.3	96.2	95.9	up
PMI Manufacturing (Index)	56.8	55.4	54.4	54.5	49.3	48.9	47.0	45.3	43.2	44.9	38.5	39.9		down
Real Retail Sales (% YoY)	2.1	-2.5	-1.8	-3.4	-2.0	-0.7	-2.1	-4.0	-1.2	8.0	-2.2	-1.8		up
Trade Balance (Billion, CHF)	4.4	4.2	2.2	2.4	4.9	3.3	4.6	2.5	5.4	4.8	3.1	4.1		down
CPI (% YoY)				2.8	3.3	3.4	2.9	2.6	2.2	1.7	1.6	1.6	l	down
(/	3.3	3.0	3.0	2.0	0.0									
Japan	3.3 Sep-22	3.0 Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Trend*
						Feb-23 47.7	Mar-23 49.2	Apr-23 49.5	May-23 50.6	Jun-23 49.8	Jul-23 49.6	Aug-23 49.6	Sep-23 48.5	Trend*
Japan	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23				-					
Japan Nomura Manufacturing PMI (Index)	Sep-22 50.8	Oct-22 50.7	Nov-22 49.0	Dec-22 48.9	Jan-23 48.9	47.7	49.2	49.5	50.6	49.8	49.6			down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY)	Sep-22 50.8 2.9	Oct-22 50.7 0.4	Nov-22 49.0 -3.7	Dec-22 48.9 -6.6	Jan-23 48.9 4.5	47.7 9.8	49.2 -3.5	49.5 -5.9	50.6 -8.7	49.8 -5.8	49.6 -13.0	49.6		down down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index)	Sep-22 50.8 2.9 8.7 49.6 1.3	Oct-22 50.7 0.4 3.1	Nov-22 49.0 -3.7 -1.4	Dec-22 48.9 -6.6 -2.2	Jan-23 48.9 4.5 -2.8 46.5 1.4	47.7 9.8 -0.6	49.2 -3.5 -0.8 55.2 1.3	49.5 -5.9 -0.7	50.6 -8.7 4.2 54.5 1.3	49.8 -5.8 0.0 53.6 1.3	49.6 -13.0 -2.3	49.6		down down down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4	Nov-22 49.0 -3.7 -1.4 49.7 1.4	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8	47.7 9.8 -0.6 51.0 1.3 0.8	49.2 -3.5 -0.8 55.2 1.3	49.5 -5.9 -0.7 55.7 1.3 0.8	50.6 -8.7 4.2 54.5 1.3 2.9	49.8 -5.8 0.0 53.6 1.3 2.3	49.6 -13.0 -2.3 54.1 1.3	-3.8 -52.8 1.3		down down down down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1	47.7 9.8 -0.6 51.0 1.3 0.8 20.4	49.2 -3.5 -0.8 55.2 1.3 1.3 9.8	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6	50.6 -8.7 4.2 54.5 1.3 2.9 6.3	49.8 -5.8 0.0 53.6 1.3 2.3 7.0	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6	49.6 -3.8 52.8 1.3		down down down down down down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6	49.2 -3.5 -0.8 55.2 1.3 1.3 9.8 2.5	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5	49.6 -3.8 52.8 1.3 11.8 2.5		down down down down down down down down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1	49.2 -3.5 -0.8 55.2 1.3 1.3 9.8 2.5 2.3	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7	49.6 -3.8 52.8 1.3 11.8 2.5 2.7		down down down down down down down up down up
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6	49.2 -3.5 -0.8 55.2 1.3 1.3 9.8 2.5	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5	49.6 -3.8 52.8 1.3 11.8 2.5		down down down down down down down down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5 25.3	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6 11.5	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1 6.5	49.2 -3.5 -0.8 55.2 1.3 1.3 9.8 2.5 2.3 4.3	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5 2.6	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6 1.5	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7	49.6 -3.8 52.8 1.3 11.8 2.5 2.7 -0.8		down down down down down down down up down up down up
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY) Exports (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9 28.9	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5 25.3	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1 1.5 20.0	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6 11.5	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9 3.5	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1 6.5	49.2 -3.5 -0.8 55.2 1.3 1.3 9.8 2.5 2.3 4.3	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5 2.6	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6 0.6	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6 1.5	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7 -0.3	49.6 -3.8 52.8 1.3 11.8 2.5 2.7 -0.8	48.5	down down down down down down down up down up down up
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY) Exports (% YoY)	\$ep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9 28.9	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5 25.3	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1 1.5 20.0	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6 11.5 Dec-22	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9 3.5	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1 6.5	49.2 -3.5 -0.8 55.2 1.3 1.3 9.8 2.5 2.3 4.3	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5 2.6 Apr-23	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6 0.6	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6 1.5	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7 -0.3	49.6 -3.8 52.8 1.3 11.8 2.5 2.7 -0.8 Aug-23	48.5 	down down down down down down down up down up Trend*
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY) Exports (% YoY) China PMI Manufacturing (Index) Industrial Production (% YoY) Retail Sales (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9 28.9 Sep-22 50.1 6.3 2.5	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5 25.3 Oct-22 49.2 5.0 -0.5	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1 1.5 20.0 Nov-22 48.0 2.2 -5.9	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6 11.5 Dec-22 47.0 1.3 -1.8	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9 3.5 Jan-23	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1 6.5	49.2 -3.5 -0.8 55.2 1.3 9.8 2.5 2.3 4.3 Mar-23 51.9 3.9 10.6	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5 2.6 Apr-23 49.2 5.6 18.4	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6 0.6 May-23 48.8 3.5 12.7	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6 1.5 Jun-23 49.0 4.4 3.1	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7 -0.3 Jul-23 49.3 3.7 2.5	49.6 -3.8 52.8 1.3 11.8 2.5 2.7 -0.8 Aug-23 49.7 4.5 4.6	48.5 	down down down down down down down up down up Trend* up
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY) Exports (% YoY) China PMI Manufacturing (Index) Industrial Production (% YoY) Retail Sales (% YoY) PPI (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9 28.9 Sep-22 50.1 6.3 2.5 0.9	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5 25.3 Oct-22 49.2 5.0 -0.5 -1.3	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1 1.5 20.0 Nov-22 48.0 2.2 -5.9 -1.3	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6 11.5 Dec-22 47.0 1.3 -1.8 -0.7	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9 3.5 Jan-23 50.1	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1 6.5 Feb-23 52.6	49.2 -3.5 -0.8 55.2 1.3 1.3 9.8 2.5 2.3 4.3 Mar-23 51.9 3.9 10.6 -2.5	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5 2.6 Apr-23 49.2 5.6 18.4 -3.6	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6 0.6 May-23 48.8 3.5 12.7 -4.6	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6 1.5 Jun-23 49.0 4.4 3.1 -5.4	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7 -0.3 Jul-23 49.3 3.7 2.5 -4.4	49.6 -3.8 52.8 1.3 11.8 2.5 2.7 -0.8 Aug-23 49.7 4.5 4.6 -3.0	48.5 	down down down down down down up down up down up down down up down down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY) Exports (% YoY) China PMI Manufacturing (Index) Industrial Production (% YoY) Retail Sales (% YoY) Exports (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9 28.9 Sep-22 50.1 6.3 2.5 0.9 5.6	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5 25.3 Oct-22 49.2 5.0 -0.5 -1.3 -0.3	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1 1.5 20.0 Nov-22 48.0 2.2 -5.9 -1.3 -9.0	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6 11.5 Dec-22 47.0 1.3 -1.8 -0.7 -9.9	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9 3.5 Jan-23 50.1	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1 6.5 Feb-23 52.6	49.2 -3.5 -0.8 55.2 1.3 9.8 2.5 2.3 4.3 Mar-23 51.9 3.9 10.6 -2.5 11.3	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5 2.6 Apr-23 49.2 5.6 18.4 -3.6 7.3	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6 0.6 May-23 48.8 3.5 12.7 -4.6 -7.3	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6 1.5 Jun-23 49.0 4.4 3.1 -5.4 -12.4	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7 -0.3 Jul-23 49.3 3.7 2.5 -4.4 -14.3	49.6 -3.8 52.8 1.3 11.8 2.5 2.7 -0.8 Aug-23 49.7 4.5 4.6 -3.0 -8.8	48.5 	down down down down down up down up down up down down up down down down down down down down down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY) Exports (% YoY) China PMI Manufacturing (Index) Industrial Production (% YoY) Retail Sales (% YoY) PPI (% YoY) Exports (% YoY) CPI (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9 28.9 Sep-22 50.1 6.3 2.5 0.9 5.6 2.8	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5 25.3 Oct-22 49.2 5.0 -0.5 -1.3 -0.3 2.1	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1 1.5 20.0 Nov-22 48.0 2.2 -5.9 -1.3 -9.0 1.6	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6 11.5 Dec-22 47.0 1.3 -1.8 -0.7 -9.9 1.8	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9 3.5 Jan-23 50.1 -0.8 -12.0 2.1	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1 6.5 Feb-23 52.6	49.2 -3.5 -0.8 55.2 1.3 1.3 9.8 2.5 2.3 4.3 Mar-23 51.9 3.9 10.6 -2.5 11.3 0.7	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5 2.6 Apr-23 49.2 5.6 18.4 -3.6 7.3 0.1	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6 0.6 May-23 48.8 3.5 12.7 -4.6 -7.3 0.2	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6 1.5 Jun-23 49.0 4.4 3.1 -5.4 -12.4 0.0	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7 -0.3 Jul-23 49.3 3.7 2.5 -4.4 -14.3 -0.3	49.6 -3.8 52.8 1.3 11.8 2.5 2.7 -0.8 Aug-23 49.7 4.5 4.6 -3.0 -8.8 0.1	48.5 Sep-23 50.2	down down down down down up down up down up down down down up down down down down down down down down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY) Exports (% YoY) China PMI Manufacturing (Index) Industrial Production (% YoY) Retail Sales (% YoY) PPI (% YoY) Exports (% YoY) CPI (% YoY) Exports (% YoY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9 28.9 Sep-22 50.1 6.3 2.5 0.9 5.6 2.8 11.3	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5 25.3 Oct-22 49.2 5.0 -0.5 -1.3 -0.3	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1 1.5 20.0 Nov-22 48.0 2.2 -5.9 -1.3 -9.0	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6 11.5 Dec-22 47.0 1.3 -1.8 -0.7 -9.9 1.8 11.0	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9 3.5 Jan-23 50.1	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1 6.5 Feb-23 52.6	49.2 -3.5 -0.8 55.2 1.3 9.8 2.5 2.3 4.3 Mar-23 51.9 3.9 10.6 -2.5 11.3 0.7 10.8	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5 2.6 Apr-23 49.2 5.6 18.4 -3.6 7.3	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6 0.6 May-23 48.8 3.5 12.7 -4.6 -7.3	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6 1.5 Jun-23 49.0 4.4 3.1 -5.4 -12.4 0.0 10.8	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7 -0.3 Jul-23 49.3 3.7 2.5 -4.4 -14.3	49.6 -3.8 52.8 1.3 11.8 2.5 2.7 -0.8 Aug-23 49.7 4.5 4.6 -3.0 -8.8	48.5 	down down down down down up down up down up down down up down down down down down down down down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY) Exports (% YoY) China PMI Manufacturing (Index) Industrial Production (% YoY) PPI (% YoY) Exports (% YoY) PPI (% YoY) Exports (% YoY) PREvaluation (% YoY) PREVAULT (% YoY) Exports (% YoY) CPI (% YoY) RRR (%) GDP (% YOY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9 28.9 Sep-22 50.1 6.3 2.5 0.9 5.6 2.8 11.3 3.9	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5 25.3 Oct-22 49.2 5.0 -0.5 -1.3 -0.3 2.1 11.3	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1 1.5 20.0 Nov-22 48.0 2.2 -5.9 -1.3 -9.0 1.6 11.3	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6 11.5 Dec-22 47.0 1.3 -1.8 -0.7 -9.9 1.8 11.0 2.9	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9 3.5 Jan-23 50.1 -0.8 -12.0 2.1 11.0	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1 6.5 Feb-23 52.6 -1.4 -3.2 1.0 11.0	49.2 -3.5 -0.8 55.2 1.3 9.8 2.5 2.3 4.3 Mar-23 51.9 3.9 10.6 -2.5 11.3 0.7 10.8 4.5	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5 2.6 Apr-23 49.2 5.6 18.4 -3.6 7.3 0.1 10.8	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6 0.6 May-23 48.8 3.5 12.7 -4.6 -7.3 0.2	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6 1.5 Jun-23 49.0 4.4 3.1 -5.4 -12.4 0.0 10.8 6.3	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7 -0.3 Jul-23 49.3 3.7 2.5 -4.4 -14.3 -0.3 10.8	49.6 -3.8 52.8 1.3 11.8 2.5 2.7 -0.8 Aug-23 49.7 4.5 4.6 -3.0 -8.8 0.1 10.8	\$ep-23 50.2	down down down down down up down up down up down down up up down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY) Exports (% YoY) China PMI Manufacturing (Index) Industrial Production (% YoY) PRetail Sales (% YoY) Exports (% YoY) PPI (% YoY) Exports (% YoY) CPI (% YoY) Exports (% YoY) PMI Non Manufacturing (Index)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9 28.9 Sep-22 50.1 6.3 2.5 0.9 5.6 2.8 11.3	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5 25.3 Oct-22 49.2 5.0 -0.5 -1.3 -0.3 2.1	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1 1.5 20.0 Nov-22 48.0 2.2 -5.9 -1.3 -9.0 1.6	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6 11.5 Dec-22 47.0 1.3 -1.8 -0.7 -9.9 1.8 11.0	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9 3.5 Jan-23 50.1 -0.8 -12.0 2.1	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1 6.5 Feb-23 52.6	49.2 -3.5 -0.8 55.2 1.3 9.8 2.5 2.3 4.3 Mar-23 51.9 3.9 10.6 -2.5 11.3 0.7 10.8	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5 2.6 Apr-23 49.2 5.6 18.4 -3.6 7.3 0.1	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6 0.6 May-23 48.8 3.5 12.7 -4.6 -7.3 0.2	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6 1.5 Jun-23 49.0 4.4 3.1 -5.4 -12.4 0.0 10.8	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7 -0.3 Jul-23 49.3 3.7 2.5 -4.4 -14.3 -0.3	49.6 -3.8 52.8 1.3 11.8 2.5 2.7 -0.8 Aug-23 49.7 4.5 4.6 -3.0 -8.8 0.1	48.5 Sep-23 50.2	down down down down down down up down up down down up down down up down down down down down down down up up down
Japan Nomura Manufacturing PMI (Index) Machine Orders (% YoY) Industrial Production (% YoY) ECO Watchers Survey (Index) Jobs to Applicants Ratio (Index) Labour Cash Earnings (% YoY) Department Store Sales (% YoY) Money Supply M2 (% YoY) CPI Ex Food & Energy (% YoY) Exports (% YoY) China PMI Manufacturing (Index) Industrial Production (% YoY) PPI (% YoY) Exports (% YoY) PPI (% YoY) Exports (% YoY) PREvaluation (% YoY) PREVAULT (% YoY) Exports (% YoY) CPI (% YoY) RRR (%) GDP (% YOY)	Sep-22 50.8 2.9 8.7 49.6 1.3 2.2 20.2 3.3 0.9 28.9 Sep-22 50.1 6.3 2.5 0.9 5.6 2.8 11.3 3.9	Oct-22 50.7 0.4 3.1 51.1 1.3 1.4 11.4 3.1 1.5 25.3 Oct-22 49.2 5.0 -0.5 -1.3 -0.3 2.1 11.3	Nov-22 49.0 -3.7 -1.4 49.7 1.4 1.9 4.5 3.1 1.5 20.0 Nov-22 48.0 2.2 -5.9 -1.3 -9.0 1.6 11.3	Dec-22 48.9 -6.6 -2.2 49.0 1.4 4.1 4.0 2.9 1.6 11.5 Dec-22 47.0 1.3 -1.8 -0.7 -9.9 1.8 11.0 2.9	Jan-23 48.9 4.5 -2.8 46.5 1.4 0.8 15.1 2.7 1.9 3.5 Jan-23 50.1 -0.8 -12.0 2.1 11.0	47.7 9.8 -0.6 51.0 1.3 0.8 20.4 2.6 2.1 6.5 Feb-23 52.6 -1.4 -3.2 1.0 11.0	49.2 -3.5 -0.8 55.2 1.3 9.8 2.5 2.3 4.3 Mar-23 51.9 3.9 10.6 -2.5 11.3 0.7 10.8 4.5	49.5 -5.9 -0.7 55.7 1.3 0.8 8.6 2.6 2.5 2.6 Apr-23 49.2 5.6 18.4 -3.6 7.3 0.1 10.8	50.6 -8.7 4.2 54.5 1.3 2.9 6.3 2.6 2.6 0.6 May-23 48.8 3.5 12.7 -4.6 -7.3 0.2	49.8 -5.8 0.0 53.6 1.3 2.3 7.0 2.6 2.6 1.5 Jun-23 49.0 4.4 3.1 -5.4 -12.4 0.0 10.8 6.3 49.0	49.6 -13.0 -2.3 54.1 1.3 1.1 8.6 2.5 2.7 -0.3 Jul-23 49.3 3.7 2.5 -4.4 -14.3 -0.3 10.8	49.6 -3.8 52.8 1.3 11.8 2.5 2.7 -0.8 Aug-23 49.7 4.5 4.6 -3.0 -8.8 0.1 10.8	\$ep-23 50.2	down down down down down up down up down up down down up up down

Economic data

Australia	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Trend*
AiG Manufacturing (Index)	50.2	49.6	44.7											neutral
AiG Service (Index)	48.0	47.7	45.6											neutral
Westpac Consumer Confidence (% MoM)	3.9	-0.9	- 6.9	3.0	5.0	-6.9	0.0	9.4	-7 .9	0.2	2.7	-0.4	- 1.5	down
Building Approvals (% YoY)	-10.5	-4.7	-7.3	-0.2	-6.9	-29.2	-14.1	-18.2	-10.0	-18.0	-10.6			up
Employment Change ('000, MoM)	25.1	33.7	57.2	-7.0	16.1	59.0	69.2	-7.9	74.4	27.5	-1.4	64.9		down

Brazil	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Trend*
CPI (% YoY)	7.2	6.5	5.9	5.8	5.8	5.6	4.7	4.2	3.9	3.2	4.0	4.6		down
Industrial Production (% YoY)	1.8	-1.0	1.2	8.0	-0.4	0.3	- 2.5	1.0	-2.7	1.9	0.2	-1.1		up
Retail Sales (% YoY)	1.6	3.2	2.7	1.4	0.4	2.7	1.1	3.3	0.5	-1.1	1.4	2.4		down
Trade Balance (Millions, USD)	3694.6	3375.4	6200.3	4533.4	2310.0	2569.5	10747.3	7929.3	10962.8	10146.3	8890.3	9766.9		down
Budget Balance Primary (Billions, BRL)	-60.6	-14.5	-70.4	-70.8	46.7	- 90.6	-79.5	-25.4	-119.2	-89.6	-81.9	-106.6		down

Chile	Sep-22	Oct-22	Nov-22	Dec - 22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Trend*
IMACEC Economic Activity Index (% YoY)	-0.57	-1.46	-3.33	-2.02	0.24	-0.54	-2.06	-0.89	-1.63	-0.77	1.78			up
CPI (% YoY)	13.73	12.81	13.34	12.79	12.33	11.95	11.09	9.91	8.73	7.56	6.48	5.32		down
Retail Sales (% YoY)	-12.39	-15.39	-11.10	-10.43	-9.26	-8.07	-10.64	-10.63	-13.21	-10.37	-9.06			up
Industrial Production (% YoY)	-1.43	-4.24	- 5.02	-1.21	0.47	-1.09	-5.91	-1.95	-4.51	-2.65	-1.66	0.26		up
Unemployment (%)	8.00	8.00	7.90	7.90	8.00	8.40	8.80	8.70	8.50	8.50	8.80	9.00		up

Mexico	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Trend*
PMI (Index)	50.3	50.1	51.0	51.4	49.8	51.3	49.6	50.1	49.8	51.0	51.3	52.3		up
CPI (% YoY)	8.7	8.4	7.8	7.8	7.9	7.6	6.9	6.3	5.8	5.1	4.8	4.6		down
Retail Sales (% YoY)	7.5	7.8	6.0	7.3	8.8	5.4	1.7	3.5	2.8	5.9	5.1			up
Indutrial Production (% YoY)	8.5	6.3	6.6	3.8	4.5	2.1	1.7	1.2	2.3	1.7	0.8			down
Remittances (Millions, USD)	5036.9	5361.4	4817.6	5353.0	4425.1	4359.1	5186.1	5001.6	5696.9	5575.2	5651.5			down

Datasource: Bloomberg *Trend = Last 3m - Previous 3m

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