

Japan Insight: BofA Strategy Monthly

Near-term correction a risk; wage growth should pick up after fog clears

Investment Strategy

Market uncertainty may ease from mid-November

We expect market visibility to improve approaching spring 2024, despite near-term correction risk. Yen weakness amid risks of rising oil prices will worsen Japan's terms of trade and could provoke expectations of further BoJ policy normalization. US long-term rates at 5% are worsening financial conditions, dampening investors' risk appetite. While it is difficult to project the trajectory of US long-term rates, we think the current rise is likely to peak soon, around mid-November, owing to 1) the Fed becoming less hawkish; 2) the US Treasury auction settling down following the potential peak in early November and 3) the US economy on track to slow in 4Q. We believe the US economy, albeit slowing, has likely become less sensitive to interest rates, and the interest rates decline is likely to be gradual.

Brighter 2024 catalysts: Wage hikes, and rising ROE

Meanwhile, wage increases are more likely to remain high at the 2024 Shunto, and there is now a clear path toward fully exiting deflation. Rengo has proposed a wage increase of at least 5%, higher than this year's, and some large companies have already announced substantial wage hikes. The scope for not raising wages is narrowing. Additionally, inflation has been high in 2023, and the biggest shortage of workers in the nonmanufacturing sector since 1992 suggests that the upcoming Shunto will bring another large wage increase. Meanwhile, the rise in food prices is expected to abate, thereby making a turn to positive growth in real wages more likely. Although there is a positive correlation between companies' ROE and the inflation rate, ROE will truly take off when inflation becomes grounded on wage hikes rather than cost-push factors.

Defensive stocks for now; peak rates = cyclical growth

Although our preference for value stocks remains, stocks with low volatility attributes should provide a safer haven amid uncertainty in the external environment. If US interest rates were to peak, tech and other cyclical growth stocks could also become long candidates. Although rates are generally expected to remain elevated, it is early yet for a rebound of overvalued growth blue chips. We think small caps could rise as early as January 2024, when real wage growth turns positive and the yen stops weakening.

We highlight three screens given the macro backdrop. Exhibit 23 shows low volatility, low beta stocks; Exhibit 29 lists stocks with 2H RP growth expectation above 1H level and FY2 RP growth expectation surpassing 5%; Exhibit 30 screens stocks that should adapt to structural changes in Japan's economy.

31 October 2023

Investment Strategy Japan

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Acronyms in this report:

Fed: The Federal Reserve YCC: Yield Curve Control

QT: Quantitative tightening FOMC: Federal Open Market

Committee

UAW: United Auto Workers GFC: Global Financial Crisis

RP: Recurring Profits

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Risk of a market correction: uncertainty stands in the way of taking risk

Disturbing trends suggest we could be on the eve of a major market correction. Turmoil in the Middle East, speculation of a YCC change by the BoJ, and uncertainty around US long-term rates at 5% will likely make it difficult to take risk. We think the risk of a major market decline cannot be ruled out, depending on how these play out. However, there is now a clear path between now and spring 2024 for wage growth and a full exit from deflation. Although we advise particular caution until early November, we expect visibility to improve afterward.

Following is a summary of the situation. Regarding the war between Israel and Hamas, given that (1) the situation in the Mideast has not had much impact on global economies and markets in the past, and the focus is on whether there will be a sharp rise in oil prices and (2) the Israel-Palestine conflict has not started a sharp increase in oil prices since 1973 (for details, see our 25 Oct report, BofA FAOs: Five Answered Questions), the market is probably focused on the extent to which the conflict spreads outside Israel and Palestine's borders. The wild card is whether this develops into a war between Israel and Iran, especially if it means a worst-case scenario of the Strait of Hormuz closing.

We are closely watching the war developments despite its low possibility of further escalation. During times like these, there is a strong tendency for yen depreciation not to have a positive impact on Japanese stocks. Because of the negative correlation between the dollar and oil prices, oil prices normally fall when the yen weakens (and dollar strengthens), but the yen is now weakening concurrent with rising oil prices. This would likely create a "bad" yen depreciation that worsens Japan's terms of trade (Exhibit 1). As was the case in 2H 2O22, not only does this squeeze corporate profit margins but it also worsens the government's approval ratings and raises concerns about forex market intervention. There is probably also pressure on the BoJ to modify policy.

Exhibit 1: WTI crude oil prices and USD/JPY Yen depreciated along with a higher oil price



Exhibit 2: 10yr JGB yield, inflation expectation, real interest rate and TOPIX

Real interest rate rises along with the nominal rate when the inflation expectation is relatively stable



Source: BofA Global Research, Bloomberg

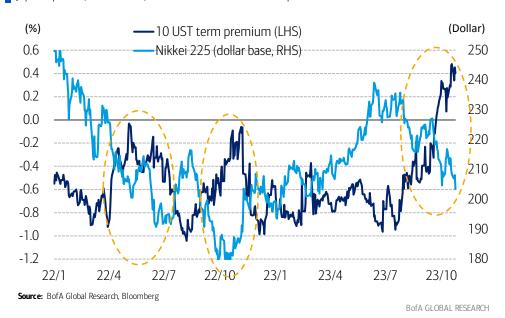
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The BoJ further increased the flexibility in the conduct of YCC in Oct MPM (see BoJ's YCC flexibilization 31 October 2023). The BoJ was correct in modifying YCC in July, because rising inflation expectations had caused a sharp drop in real interest rates (Exhibit 2). Because of a decline in inflation expectations (in step with rising US interest rates), however, both nominal rates and real rates are rising. The BoJ's changes to YCC



led directly to a further rise in real rates, and this could lead to a market correction. The worsening of Japan's terms of trade brought by rising oil prices and yen devaluation, together with the BoJ's policy normalization, have caused Japanese stocks to underperform.

Exhibit 3: 10 UST term premium and Nikkei 225 in USD termsJapan equities (in USD terms) tend to decline when UST term premium rises



There are not enough market participants willing to accept duration risk in either the stock or government bond market

Furthermore, the worsening of financial conditions brought by rising US interest rates is hurting the market. The main force driving long-term rates higher is a sharply rising term premium. In other words, the rise in rates cannot be explained by fundamentals (interest rates are rising for reasons other than short-term rate expectations), but rather by worsening fiscal discipline, increased Treasury issuance, the absorption of liquidity through QT, and an overly hawkish Fed.

A rise in interest rates driven by the term premium is a "bad" rise, one that also affects Japanese stocks. Even with the yen weakening in step with the rise in US interest rates, indicators are either flat or declining and there is a strong downward trend in dollar-based indicators (Exhibit 3). This is also creating a barrier to macro growth while pushing the discount rate higher and creating strong headwinds for growth stocks (Exhibit 4). There has been a rotation into low-volatility stocks as the market increasingly goes into a risk-off mode (Exhibit 5). In the US, cloud-related revenues at richly valued (long-duration) big tech stocks have been short of expectations, and the sharp decline in their share prices is probably related to the worsening of financial conditions. There are not enough market participants willing to take on duration risk in either the stock or Treasury markets. Current conditions are creating strong headwinds for risk sentiment.

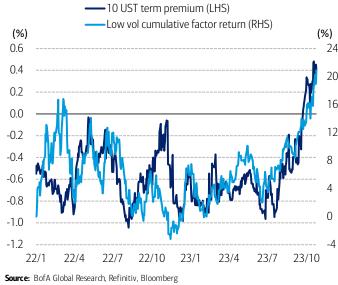


Exhibit 4: 10 UST term premium and 3-yr sales growth cumulative factor return

A higher 10 UST term premium means headwinds for growth stocks



Exhibit 5: 10 UST term premium and low vol cumulative factor return A higher 10 UST term premium favors low vol factor



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An initial peak in US interest rates may occur around mid-November

Will US interest rates regain stability? Although difficult to forecast, our impression is that rates are near their upper limit, at least for the near term, and likely to peak around mid-November. We see three reasons for this.

First is the change in the Fed's outlook. The accelerated rise in interest rates was sparked by the September FOMC meeting, mostly by comments that the Fed sees the rise in the term premium as a substitute for rate hikes. It seemed to indicate that its stance is to look at financial conditions overall, and adjust the policy rate when the term premium rises. The risk of a disorderly rise in interest rates has receded.

The second reason is Treasury bond supply-demand. Although US debt issuance should remain at high levels, the near-term focus is on the 3yr, 10yr, and 30yr Treasury auctions scheduled for 7, 8, and 9 November, respectively. Although there is a risk of interest rates rising over the near term, that risk should abate after these events pass. Additionally, although a contrarian view, if the US government fails to pass a 2024 budget by 17 November and there is a shutdown of government institutions, it will increase the likelihood of the Fed skipping a rate hike at its December FOMC meeting (our US economist expects the Fed to skip at the November meeting and hike at the December meeting, but thinks it is a close call).

The third reason is the macroeconomy. The resumption of student loan repayments, impacts from the UAW strike, and worsening financial conditions are likely to cause the macroeconomy to slow in 4Q (for details, see our 27 October <u>US Economic Weekly</u>). The strong showing of US GDP in 3Q will make the slowdown that much more noticeable. Based on the above, US interest rates look likely to peak around mid-November.

US interest rates appear to be near their upper limit. The 10yr Treasury yield has risen enough to flatten the 2yr-10yr curve. When the maturity spread has gone past flattening into a steepening mode in the past, it was not when the 10yr yield was rising more than the 2yr yield, but rather when both the 2yr and 10yr yields were declining in anticipation of rate cuts, with the 2yr yield declining by more (Exhibit 6). We see limited room for the



10yr yield to rise unless an acceleration of inflation pushes the foundational 2yr yield substantially higher.

If the 10yr yield continues rising, it could rise as high as the S&P 500 earnings yield and thereby squeeze the yield spread down to zero (Exhibit 7). Barring a bubble like one that occurred around the year 2000, this would probably be the result of either the purchasing of undervalued Treasurys or the selling of overvalued stocks. Interest rates are likely to decline in either case.

Exhibit 6: 2y10y spread, 2y UST yield, 10y UST yield and FF rate UST yields usually move from flattening to steepening when both 2yr and 10yr yields factor in rate cuts

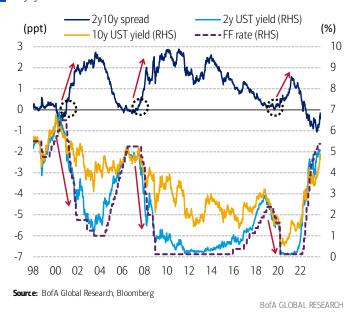
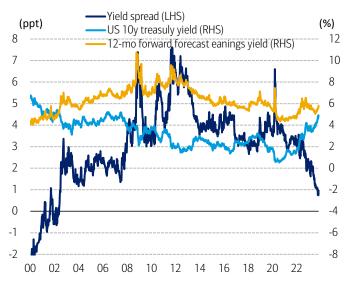


Exhibit 7: Yield spread of S&P500 The yield spread of S&P500 contracted sharply



Source: BofA Global Research, Refinitiv, Bloomberg

Note: yield spread = earnings yield – 10-yr UST yield. Earnings yield is based on I/B/E/S 12-month forward consensus, estimate

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The US economy is becoming less sensitive to interest rates

Meanwhile, the medium-term trend in US interest rates depends on the direction of the US economy. Barring a greater or lesser slowdown of the US economy, we see little room for interest rates to fall, but interest rates could drop rapidly in the event of a recession. Although our US economist expects the US economy to slow, he envisions a soft landing with no recession.

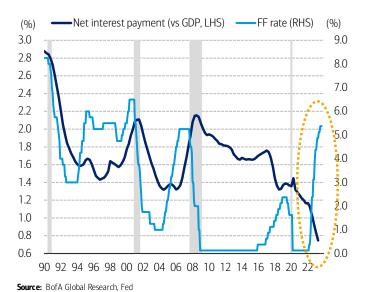
We think the US economy has not collapsed despite high interest rates because of the lag between Fed rate hikes and their effects and also because the macroeconomy has become less sensitive to interest rates. In fact, the net interest payments of US corporations (interest income minus interest expense) as a percentage of GDP worsened during previous rate hike cycles, but has been improving this time around (Exhibit 8). We attribute this to borrowing rates having been locked in long term when interest rates were low and to corporations' reduced dependence on bank loans and accumulation of cash over the past decade.

The same can probably be said of consumers. Unlike in Japan, 91.4% of residential mortgages in the US are at fixed rates, many for 30 years (Exhibit 9). That percentage rose after the global financial crisis, thereby making the economy less sensitive to interest rates. The growth of real estate and stock holdings within asset portfolios has made it less likely that consumer balance sheets will worsen when interest rates are high (Exhibit 10).



Exhibit 8: Net interest payment of the US and FF rate

US corporates' net interest payments remain modest despite a elevated FF rate

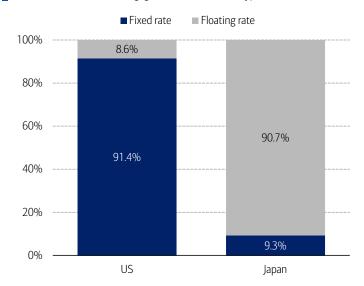


Note: Shadow areas show US recession periods.

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Exhibit 9: Mortgage loan comparison (US vs. Japan)

More than 90% of US mortgage loans are fixed rate type

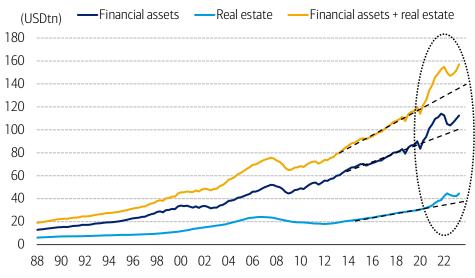


Source: BofA Global Research, MBA, Japan Housing Finance Agency

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Exhibit 10: US household financial assets, real estate

US household financial assets, real estate continued to increase above historical trend



Source: BofA Global Research, Fed

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In contrast, the number of agents whose balance sheets worsen with rising interest rates, including low income individuals and bank loan-dependent SMEs, should increase. The economy is likely to start slowing. However, rising interest rates only have a limited impact on the high-income individuals and large corporations that are important to the economy, and we think this makes a recession unlikely.

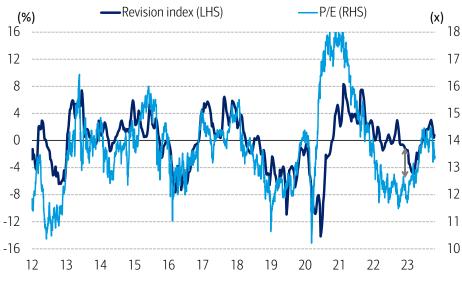
In light of the above, we expect interest rates overall to follow a declining trend, albeit at a very moderate pace. We think the above mechanism explains why there has been only a limited weakening in the hard data despite a worsening of the soft data based on the PMI or consumer sentiment.



There is now a clear path toward wage growth and exiting deflation between now and spring 2024

We therefore expect US interest rates to stabilize once the BoJ policy meeting, FOMC, and Treasury auctions have passed. When there is less uncertainty over the macroeconomy, the earnings cycle should lead to an upward pricing of the market. The TOPIX P/E has dropped below 14x, the median of its range, but for that to persist would require the earnings revision index to worsen from positive to negative territory (Exhibit 9). The revision index should rise following interim results, but it is not there yet.

Exhibit 11: TOPIX revision index and 12-month forward P/ETOPIX P/E will not drop below 14x substantially unless earnings revision turns into negative territory



Source: BofA Global Research, Refinitiv

The revision index (4 weeks moving average), P/E is based on I/B/E/S consensus estimate for 12-month forward EPS.

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Furthermore, while the external environment is deteriorating, there is now a clear path toward a second consecutive Shunto of high wage increases in spring 2024. If there is not only one but two years of large wage increases, it will probably increase confidence that there has been an upward shift of wages. Although the market's direction will depend on the external environment, the domestic narrative is actually more important.

In fact, the scope for avoiding large wage increases at Shunto 2024 is becoming increasingly narrower. Rengo has decided to request 2024 wage increases of at least 5% (and base salary increases of at least 3%), in both cases higher than in 2023. Keidanren has also published guidelines strongly supportive of base salary increases. Last year, some large corporations started announcing plans for wage hikes in December, but this year several companies announced large wage hikes (around 7%) in October (Exhibit 12). This will probably have an announcement effect on other companies.

The need for large wage hikes at Shunto is also supported by the economic data. That inflation is higher this year than it was last year makes it likely that companies will support large wage increases to keep work motivation high, prevent job leaving, and maintain employment (Exhibit 13). Additionally, the shortage of workers in the nonmanufacturing sector is the worst it has been since 1992. This suggests there could be a repeat of last year's Shunto wage hike, which was the highest since 1992 (Exhibit 14). To the extent that inflation is triggered by rising wages, recovering consumer sentiment should make it easy to raise prices, and this is not a bad thing for EPS and profit margins(Exhibit 15).



Exhibit 12: Wage hike plans of large-cap companies

Some large-cap names have already announced substantial wage-hike plans

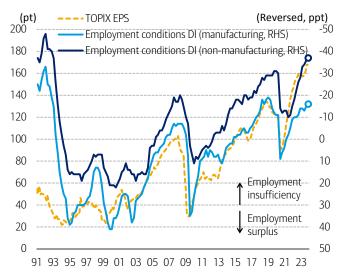
Bic Camera Inc	Raising base pay rising by 7%; raising annual compensation for new graduates by 14%-16%
Suntory HD	Raising wages by around 7%, with base pay rising by 3%
Meiji Yasuda Life	Looking at a 7% increase in annual compensation
AGC	Looking for a continued wage-hike stance until 2030; raising annual compensation for new graduates by 4%

Source: BofA Global Research, Nikkei Shimbun

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Exhibit 14: BoJ Tankan: Employment conditions DI and TOPIX EPS

The labor shortage of non-manufacturers reached record high since 1992



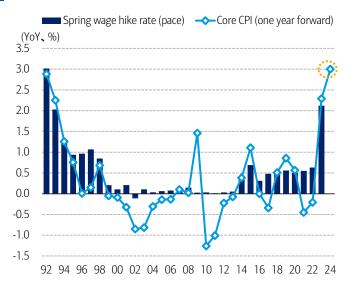
Source: BofA Global Research, BoJ, Refinitiv

Note: based on Sep BoJ Tankan survey, large enterprises. EPS is based on I/B/E/S consensus 12-month forward estimates.

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Exhibit 13: Spring wage hike rate and core CPI (1-yr forward)

A higher inflation this year may provide tailwinds to spring wage hike rate in 2024

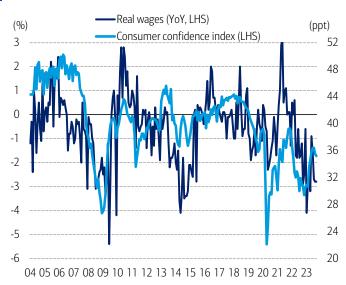


Source: BofA Global Research, Ministry of Health, Labour and Welfare, RENGO Note: We calculate the calendar average for the core CPI, using our house view forecast for the latest number

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Exhibit 15: Real wages and consumer confidence index

Positive correlation between the two series



Source: BofA Global Research, Refinitiv, Bloomberg

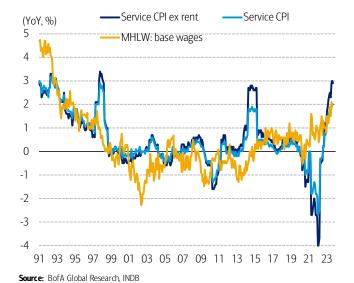
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Two consecutive Shunto negotiations resulting in a high wage increase would probably be the last piece of the puzzle required to fully exit deflation. In fact, price hikes are starting to take hold in the services sector, where wages account for the majority of costs, and the services CPI excluding rents, which are sticky, is at its highest since 1992 (Exhibit 16; see our 27 October Japan Watch). Services deflation is the main reason why Japan is the only major economy in deflation, and Japan is on the verge of exiting that deflation (Exhibit 17).



Exhibit 16: Services CPI and base wage growth

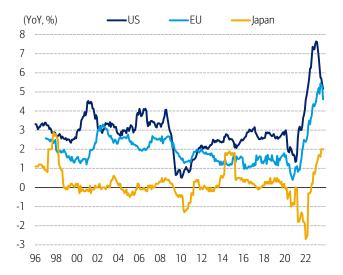
Services CPI tends to be correlated with wage growth; services CPI ex rent is reaching record high since 1992



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Exhibit 17: Services CPI in the US, EU and Japan

Services deflation is the main reason why Japan is the only major economy ir deflation



Source: BofA Global Research, Refinitiv

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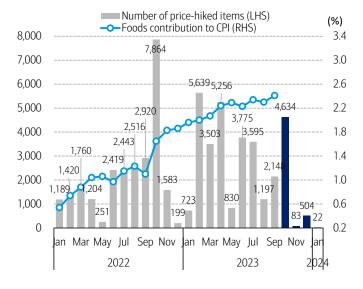
If there are large wage increases coupled with a weakening of cost-push inflation, real wages should turn positive. Most of Japan's high inflation rate comes from rising food prices, but those increases are expected to weaken (Exhibit 18). Additionally, if the government starts cutting income taxes around June 2024, that will further stimulate consumption.

Of course, the rising probability of the BoJ lifting NIRP as a part of that process is a market risk (our economists expect that to happen in January 2024). However, curtailing extreme yen depreciation will lower cost-push inflation and contribute to growth in real wages. The biggest problem had always been that deflation kept the real policy rate from declining, and inflation has finally made it possible for the real policy rate to decline (Exhibit 19). The BoJ adjusting nominal rates in response to inflation becoming entrenched is not a bad thing for Japanese stocks.



Exhibit 18: Number of price-hiked items and foods contribution to CPI

Price hikes of foods are expected to cool down



Source: BofA Global Research, Teikoku Databank

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Exhibit 19: BoJ's policy rate (real vs. nominal) and nominal GDP

Inflation helps lower the real interest rates



Source: BofA Global Research, INDB

Based on core CPI (ex-consumption tax impact)

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Real wages must rise for ROE to improve substantially

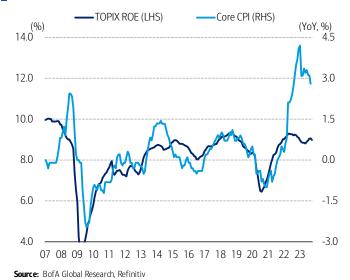
Furthermore, rising real wages should also boost Japanese companies' ROE. Although ROE has a positive correlation with the inflation rate, the noticeable divergence between the two recently can be attributed to the large element of cost-push inflation, which prevents sufficient improvement in profit margins (Exhibit 20). Improvement in real wages should lead to substantial increases in ROE (Exhibit 21). Additionally, if sustained wage hikes become more certain, it could motivate companies to initiate significant reforms. We think the TSE's initiatives to update its list of companies not meeting its P/B requirements on a monthly basis starting in 2023 will accelerate this trend.

Based on the above, we think it has become more likely that between now and next spring, Japan will solidify its exit from deflation, real wages will turn positive, and ROEs will increase. After the current turmoil passes, we think Japanese stocks are likely to enter an upward trajectory.



Exhibit 20: TOPIX ROE and Core CPI

Positive correlation between the two series

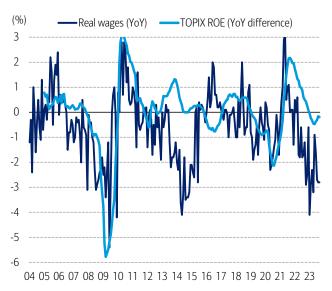


Note: ROE based on 12-month forward I/B/E/S consensus estimates.

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Exhibit 21: Real wages and TOPIX ROE (YoY difference)

Improvement in real wages should lead to substantial increases in ROE



Source: BofA Global Research, Refinitiv

ROE is based on I/B/E/S 12-month forward consensus estimate

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Value stocks are outperforming, but we currently favor defensives

Next, we summarize our view on stock selection. The strong performance of value stocks can be attributed to (1) the TSE's P/B rule changes and (2) Japan's late entry into the inflation cycle and the BoJ's policy adjustments, and therefore probably still has upside left. Value sectors have witnessed a large decline in P/B, particularly since the BoJ introduced negative interest rates in January 2016. Although ROE improvement is a requirement, there appears to be room for restoring P/B multiples (Exhibit 22).

Amid uncertainty in the external environment, however, defensive stocks have been preferred. As already noted, low volatility has been a safe haven in the US during a rise in the term premium (Exhibit 5). Exhibit 23 shows domestic demand-led stocks with a P/B below 3x as well as low volatility, low beta, and strong earnings the following fiscal year. Domestic demand-led stocks are more defensive in nature and will have considerable price upside if wage inflation becomes entrenched.



Exhibit 22: B/P, ROE changes by sector post the introduction of NIRPValue attributed sectors saw large P/B contraction post the introduction of NIRP

	B/P changes (ppt)	ROE changes (ppt)	PBR	ROE
	Post the introduction of NIRP (Dec 15 vs. now)	FY24 vs. FY15	Current	FY24
Electric Power and Gas	-56.4	-2.6	0.7	7.7
Textiles and Apparels	-40.0	-1.1	0.8	6.4
Fishery, Agriculture & Forestry	-39.5	-0.1	1.0	8.3
Securities and Commodities Futur	-38.1	-1.0	0.7	5.8
Oil and Coal Products	-37.7	24.5	0.6	7.4
Real Estate	-30.9	1.3	1.1	9.2
Nonferrous Metals	-30.3	2.5	0.7	7.0
Metal Products	-30.1	3.4	0.9	7.2
Construction	-27.9	-2.5	1.1	9.2
Land Transportation	-26.5	-2.4	1.3	7.6
Glass and Ceramics Products	-25.3	2.8	0.9	8.2
Rubber Products	-23.9	-1.3	1.1	10.5
Transportation Equipment	-22.0	-1.1	1.1	9.8
Foods	-17.5	-0.3	1.7	9.2
Services	-17.2	0.1	1.8	7.5
Pharmaceutical	-16.0	-0.3	1.7	7.7
Other Financing Business	-14.9	-0.9	1.1	9.8
Pulp and Paper	-14.5	3.8	0.6	6.8
Iron and Steel	-10.1	5.9	0.7	8.9
Air Transportation	-7.9	-4.6	1.5	10.7
Chemicals	-7.2	1.2	1.4	9.2
Warehousing and Harbor Transpor	-6.7	1.7	0.9	6.9
Banks	-5.2	-0.7	0.7	6.4
TOPIX	-3.6	1.5	1.3	9.0
Retail Trade	-1.3	1.5	1.9	8.8
Information & Communication	0.4	-1.0	1.9	10.0
Machinery	4.3	2.3	1.5	10.4
Precision instruments	5.3	1.5	2.8	12.6
Electric Appliances	7.0	4.0	1.9	10.6
Insurance	15.9	3.0	1.1	10.0
Other Products	23.8	5.8	2.1	10.6
Mining	38.1	7.6	0.7	8.3
Wholesale Trade	41.7	8.1	1.2	11.2
Marine Transportation	47.0	17.1	0.8	6.6

Source: BofA Global Research, Bloomberg, Refinitiv

Note: The calculation of B/P changes is based on the previous month of NIRP introduction; we reverse the signs of B/P changes to match $\hbox{ROE changes (minus means undervalued, plus means overvalued)}. \\ \hbox{ROE is based on I/B/E/S consensus forecast.}$



Exhibit 23: Domestic demand-oriented stocks with low volatility, low beta and resilient earnings expectation in next fiscal year

Domestic stocks with RP growth (FY2) above 5%, revision (FY1) above -5%, ROE (FY2) above 5%, P/B below 3, historical volatility under 25 and beta below 1.0

Code Company name	Sector	(bn JPY)	RP growth (FY1, %)	(FY2, %)	ROE (FY2)	%3M RP revision	PBR	Historical volatility (1yr)	Beta (vs TOPIX, 60m)	YTD return (vs. TPX)
2914 JAPAN TOBACCO INC	Foods	6,858		6.3	13.0		1.6	16.2	0.6	
8766 TOKIO MARINE HOLDINGS INC	Insurance	6,788		8.0	14.2		1.7	24.8	0.7	
8411 MIZUHO FINANCIAL GROUP INC	Banks	6,518		7.2	6.8		0.7	24.4	0.8	
3382 SEVEN & I HOLDINGS CO LTD	Retail Trade	4,799		6.3	9.4		1.3	22.3	0.5	
9022 CENTRAL JAPAN RAILWAY CO	Land Transportation	3,437	35.7	8.6	7.6		0.9	17.5	0.9	
8725 MS&AD INSURANCE GROUP HOLDIN	Insurance	2,954		12.4	10.6		0.8	22.4	0.8	
9020 EAST JAPAN RAILWAY CO	Land Transportation	2,932		22.9	7.3		1.2	16.7	0.9	
4578 OTSUKA HOLDINGS CO LTD	Pharmaceutical	2,864		15.1	9.0	10.4		18.9	1.0	
1925 DAIWA HOUSE INDUSTRY CO LTD	Construction	2,603	-18.6	8.8	10.9		1.1	17.8	0.7	
8802 MITSUBISHI ESTATE CO LTD	Real Estate	2,574		6.9	7.7	-1.0		22.3	0.7	
8630 SOMPO HOLDINGS INC	Insurance	2,234		6.8	11.7		0.9	24.1	0.8	
1928 SEKISUI HOUSE LTD	Construction	1,916		6.0	11.4		1.1	17.2	1.0	
2503 KIRIN HOLDINGS CO LTD	Foods	1,913	6.0	9.2	11.9		1.6	14.6	0.9	
9202 ANA HOLDINGS INC	Air Transportation	1,428		13.9	11.2		1.5	17.5	1.0	
9021 WEST JAPAN RAILWAY CO	Land Transportation	1,374		14.5	7.8		1.3	19.0	0.8	
2587 SUNTORY BEVERAGE & FOOD LTD	Foods	1,356		9.8	8.7	-1.7		24.0	0.4	
2897 NISSIN FOODS HOLDINGS COLTD	Foods	1,347	22.8	8.6	11.2		2.8	20.7	0.2	
9042 HANKYU HANSHIN HOLDINGS INC	Land Transportation	1,300	8.0	7.1	6.5		1.2	18.1	0.9	
2267 YAKULT HONSHA CO LTD	Foods	1,208	14.2	7.7	11.4		2.1	23.0	0.4	
2269 MEIJI HOLDINGS CO LTD	Foods	1,082		7.0	7.9		1.4	18.4	0.3	
1878 DAITO TRUST CONSTRUCT CO LTD	Real Estate	1,061	6.9	15.0	20.2		2.6	21.8	0.8	
9005 TOKYU CORP	Land Transportation	1,044		6.3	7.2		1.4	18.0	0.8	
3003 HULIC CO LTD	Real Estate	948		5.8	12.1		1.4	17.0	0.8	
9602 TOHO CO LTD	Information & Communication	917		7.7	9.0	3.1		17.9	0.7	
1802 OBAYASHI CORP	Construction	907		14.2	6.8	-1.1		22.5	1.0	
9064 YAMATO HOLDINGS CO LTD	Land Transportation	902		15.0	8.7		1.4	22.6	0.6	
9041 KINTETSU GROUP HOLDINGS CO L	Land Transportation	879		6.0	10.1		1.7	18.5	0.6	
9007 ODAKYU ELECTRIC RAILWAY CO 2651 LAWSON INC	Land Transportation Retail Trade	796 691	50.8 37.0	12.7 5.2	6.8 14.7	11.4	1.9	22.5 24.1	0.9	
		627	15.5	11.8	7.7		0.7	18.1	0.3	
3861 OJI HOLDINGS CORP 9008 KEIO CORP	Pulp & Paper Land Transportation	626		17.2	7.7	25.5		21.5	0.7	
2002 NISSHIN SEIFUN GROUP INC	Foods	592		8.3	7.0		1.2	17.5	0.4	
8572 ACOM CO LTD	Other Financing Business	561	0.8	9.6	9.6		0.9	20.5	0.9	
1808 HASEKO CORP	Construction	557		5.8	12.3	0.2		16.1	1.0	
3141 WELCIA HOLDINGS CO LTD	Retail Trade	492		6.7	11.7		2.2	24.7	0.3	
4536 SANTEN PHARMACEUTICAL CO LTD	Pharmaceutical	490		6.2	9.2		1.6	22.8	0.7	
9989 SUNDRUG CO LTD	Retail Trade	489		8.4	11.4		2.0	21.3	0.7	
9142 KYUSHU RAILWAY COMPANY	Land Transportation	479		15.5	9.7		1.1	16.3	0.5	
2871 NICHIREI CORP	Foods	474		8.0	10.5		1.7	20.4	0.2	
9045 KEIHAN HOLDINGS CO LTD	Land Transportation	463		14.1	7.7		1.4	22.9	0.2	
9024 SEIBU HOLDINGS INC	Land Transportation	455		20.1	6.4		1.1	23.8	0.8	
9048 NAGOYA RAILROAD COLTD	Land Transportation	453		38.7	6.4		1.0	19.1	0.5	
9831 YAMADA HOLDINGS COLTD	Retail Trade	440		6.5	5.5		0.5	14.3	0.7	
2282 NH FOODS LTD	Foods	440		11.1	6.0		0.9	15.3	0.4	
1944 KINDEN CORP	Construction	434		5.1	5.5		0.8	17.9	0.7	
8056 BIPROGY INC	Information & Communication	404		9.5	15.5		2.5	22.1	0.7	
2501 SAPPORO HOLDINGS LTD	Foods	396		58.3	7.2		2.3	23.4	0.9	
8905 AEON MALL COLTD	Real Estate	387		15.0	6.4		0.8	16.9	0.8	
2327 NS SOLUTIONS CORP	Information & Communication	379		6.9	10.7		1.8	19.9	0.9	
9749 FUJI SOFT INC	Information & Communication	360		9.6	32.4		2.4	21.0	0.8	
2809 KEWPIE CORP	Foods	360		42.1	6.1		1.3	16.1	0.4	
8410 SEVEN BANK LTD	Banks	349		8.0	7.5		1.4	18.7	0.4	
9006 KEIKYU CORP	Land Transportation	343		33.9	6.7		1.2	18.3	0.9	
9044 NANKAI ELECTRIC RAILWAY CO	Land Transportation	325		28.5	7.3		1.2	19.3	0.5	
				11.0	10.9		1.2	23.0	0.0	
1959 KYUDENKO CORP	Construction	316	14.4	1111	1119	(19	/	/511	(17	199

Source: BofA Global Research, QUICK

Note: screening criteria: 1) TOPIX constituents in domestic demand-oriented sectors, 2) stocks with mkt cap above 300bn JPY; 3) RP growth (FY2) above 5%, 4) revision (FY1) above -5%, 5) ROE (FY2) above 5%, 6) P/B below 3, 7) historical volatility under 25 and 8) beta below 1.0. Ranked by mkt cap in descendent order.

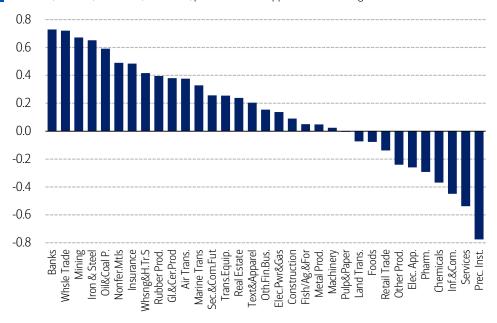


If US interest rates peak out, select cyclical growth stocks

Meanwhile, although premature at this point, it is necessary to consider stock selection after US interest rates peak. This is likely to have a significant impact on sector rotation (Exhibit 24).

Exhibit 24: Correlation of relative return (vs. TOPIX) by sector and 10-yr UST

Prec. Inst., services, inf.& com., chemicals, pharm. and elec. app. sectors show negative correlation with UST



Source: BofA Global Research, Bloomberg Note: since 2015, monthly basis.

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Additionally, in a typical year, the market buys based on current fiscal year earnings until interim results are released, after which there is a strong tendency for prices to gradually start forming based on the following year's earnings (Exhibit 25). We expect the following year's earnings to recover in those sectors, including electric machinery, machinery, and precision machinery, that underperform when US interest rates are rising (Exhibit 28). Depending on financial conditions, the pricing in of the following year's earnings could begin earlier. The manufacturing cycle experiences a bottom every 3-4 years (Exhibit 26, Exhibit 27).

However, the fundamental view on US interest rates is that they will remain high even after peaking. It is early yet for a rebound in quality growth stocks that have become overvalued because of their stable earnings growth potential. Tech stocks with earnings volatility driven by the inventory cycle and other cyclical growth stocks are easier to choose based on valuations.

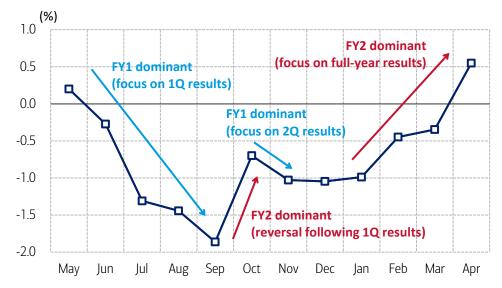
Exhibit 29 shows stocks with recurring profit growth that is higher in 2H than in 1H and expected to be at least 5% in the following fiscal year. The list is limited to stocks with a following-year P/E below 25x, a following-year ROE of at least 6%, and a revision index of at least -5%. This includes many of the leading tech stocks.

Exhibit 30 shows the list from a different perspective. The stocks have an average ROE and ratio of current profits to sales for the current year and following year that are higher than they were in FY2017-FY2018, prior to the pandemic. These are stocks that can adapt to structural changes in Japan's economy.



Exhibit 25: Seasonality of factor return of EPS growth (FY2-FY1)

Shares of companies with strong profit growth in current FY peaked around Nov. 1H results announcements; ahead of announcements of full-year results and guidance, focus shifting to earnings outlook for next FY $\frac{1}{2}$

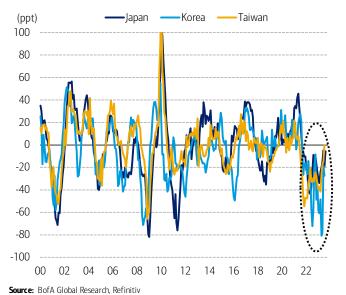


Source: BofA Global Research, FactSet

Note: Average of cumulative factor return of EPS growth (FY2-FY1) each year since 2010

Exhibit 26: The shipment-inventory balance of electronic components in Japan, Korea and Taiwan

The cycle of electronic components appears to be bottoming



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Exhibit 27: Global manufacturing PMI and the shipment-inventory balance of electronic components

Manufacturing cycle could be bottoming vs. history



Source: BofA Global Research, Refinitiv, S&P500 Global



Exhibit 28: RP growth by sector

Nonferrous metals, pharma, metal products, electric appliances, chemicals saw higher RP growth expectation

Sector	FY22 (YoY,%)	FY23E (YoY,%)	FY24E (YoY,%)	FY24~FY23 (ppt)
Nonferrous Metals	-25.8	-18.2	29.4	47.6
Textiles and Apparels	-14.6	22.7	23.1	0.4
Pharmaceutical	1.7	6.8	21.9	15.1
Metal Products	-17.1	14.1	21.5	7.4
Pulp and Paper	-61.4	126.5	18.8	-107.6
Electric Appliances	-0.6	-1.4	18.2	19.6
Chemicals	-8.5	-3.5	17.8	21.3
Air Transportation	139.9	61.9	16.4	-45.4
Precision instruments	7.5	-1.9	15.3	17.2
Land Transportation	398.2	27.5	13.6	-13.9
Glass and Ceramics Products	-23.0	46.3	13.1	-33.1
Other Financing Business	1.0	14.0	12.7	-1.3
Rubber Products	49.5	12.3	12.0	-0.3
Machinery	17.3	15.2	11.2	-4.0
Construction	1.0	6.0	10.2	4.2
Services	-11.5	5.9	10.1	4.2
Real Estate	8.7	2.4	9.8	7.4
Insurance	-42.3	71.6	8.9	-62.7
Foods	-2.4	13.0	8.9	-4.2
Retail Trade	12.1	12.5	8.2	-4.3
Iron and Steel	-1.6	-13.0	7.8	20.8
Securities and Commodities Fu	-57.8	54.7	7.6	-47.0
Banks	-2.8	28.9	6.9	-22.1
Information & Communication	1.7	3.1	6.2	3.1
Transportation Equipment	2.1	39.7	5.9	-33.8
Warehousing and Harbor Trans	10.2	-16.7	2.7	19.3
Wholesale Trade	18.5	-8.7	-0.5	8.2
Fishery, Agriculture & Forestry	-3.5	10.9	-1.1	-12.0
Oil and Coal Products	-49.6	1.5	-4.6	-6.1
Marine Transportation	10.3	-76.7	-5.5	71.2
Other Products	-7.9	3.7	-5.8	-9.5
Electric Power and Gas	-111.8	4532.8	-22.5	-4555.4
Mining	90.9	-37.2	-23.0	14.3
TOPIX	0.3	11.1	7.9	-3.2

Source: BofA Global Research, QUICK

Note: based on TOPIX companies with fiscal year ending in Mar or Feb (excluding SoftBank Group 9984)



Exhibit 29: Stocks with 2H RP growth expectation above 1H level and FY2 RP growth expectation surpassing 5%

 $2 H RP \ growth \ expectation > 1 H RP \ growth \ expectation, FY2 \ RP \ growth \ above 5\%, FY2 \ P/E \ below \ 25, FY2 \ ROE \ above 6\%$

Code	Name	Sector	Mkt cap		2H RP growth	RP growth (FY2, %)	RP revision (FY1, vs. 3 months	ROE	P/E (EV2.%)
			(bn JPY)	(%)	(%)		prior,%)	(FY2,%)	(FY2,%)
6758 SONY GRO		Electric Appliances	16,022	-8.2	12.9	12.8	0.2	12.5	15.8
8035 TOKYO EL		Electric Appliances	9,480	-46.7	-19.7	30.3	0.5	22.4	23.5
	U CHEMICAL CO LTD	Chemicals	8,902	-24.0	-15.4	9.1	-4.3	14.4	14.4
6367 DAIKIN INI		Machinery	6,774	4.9	19.8	11.6	-2.5	12.4	21.6
	MANUFACTURING CO LTD	Electric Appliances	5,395	-38.2	23.6	31.2	2.7	10.2	21.3
6273 SMC CORP		Machinery	4,890	-28.7	-2.2	11.9	-2.2	11.0	23.9
	I HOLDINGS CO LTD	Retail Trade	4,734	0.9	3.9	6.3	1.6	9.6	14.6
	IIC HOLDINGS CORP	Electric Appliances	3,744	32.9	50.1	14.3	-1.6	9.5	9.7
6702 FUJITSU LI	IMITED	Electric Appliances	3,554	-40.5	7.9	16.2	-3.7	15.0	14.5
8591 ORIX CORP	P	Other Financing Business	3,325	24.1	32.1	17.2	-0.9	10.2	8.6
8750 DAI-ICHI L	IFE HOLDINGS INC	Insurance	3,111	7.5	22.8	5.9	1.2	9.1	10.6
5401 NIPPON ST	TEEL CORP	Iron & Steel	3,109	-47.5	-4.0	13.8	4.1	9.5	6.7
4543 TERUMO (CORP	Precision Instruments	2,933	11.3	21.5	14.3	-0.0	10.2	24.6
7011 MITSUBISI	HI HEAVY INDUSTRIES	Machinery	2,868	54.8	63.9	9.2	6.0	11.4	12.8
8802 MITSUBISI	HI ESTATE CO LTD	Real Estate	2,718	-25.8	0.3	6.9	-1.0	7.7	15.7
9613 NTT DATA	A GROUP CORP	Information & Communication	2,500	-5.3	4.0	17.6	-1.1	10.1	15.3
	RESEARCH INSTITUTE LT	Information & Communication	2,252	5.5	15.7	10.9	0.9	20.4	24.6
	IAMCO HOLDINGS INC	Other Products	2,057	-18.9	82.6	9.1	1.3	14.8	19.2
	10 REALTY & DEVELOPMEN	Real Estate	1,823	2.4	12.2	6.4	0.2	9.2	9.9
	OLDINGS CO LTD	Retail Trade	1,805	-6.9	-2.8	5.9	-2.2	10.5	18.5
7259 AISIN COR		Transportation Equipment	1,587	106.7	520.7	9.3	4.6	8.4	10.3
6869 SYSMEX C		Electric Appliances	1,492	3.1	27.4	12.9	-0.8	13.9	24.7
6988 NITTO DEN		Chemicals	1,358	-34.2	56.5	8.2	-0.3	10.6	12.0
5411 JFE HOLDIN		Iron & Steel	1,349	-34.2	398.7	13.1	7.4	9.2	6.3
	INGS INC IO ELECTRIC INDUSTRIES	Nonferrous Metals	1,349	-33.9 -14.9	398.7	13.1	7.4 -1.0	6.4	10.4
	SHI CHEMICAL GROUP CO	Chemicals	1,288	-16.5	110.7	15.7	1.6	7.0	11.3
1812 KAJIMA CC		Construction	1,285	-7.8	11.8	7.6	1.5	10.7	10.6
	HONSHA COLTD	Foods	1,285	11.5	18.3	7.3	-2.8	11.4	19.6
	10 METAL MINING CO LTD	Nonferrous Metals	1,270	-69.8	-36.5	61.8	8.2	6.2	12.5
3402 TORAY IND		Textiles & Apparel	1,234	-34.6	135.4	24.8	-1.2	6.3	12.5
9766 KONAMI G		Information & Communication	1,158	35.3	97.6	8.7	2.7	13.5	19.7
6963 ROHM CO		Electric Appliances	1,130	-33.0	3.1	11.0	-2.3	7.8	15.1
2269 MEIJI HOLI		Foods	1,092	-11.7	39.7	7.0	6.3	7.9	18.7
1878 DAITO TRU	UST CONSTRUCT COLTD	Real Estate	1,085	-1.5	15.6	15.0	-0.2	20.2	12.4
4062 IBIDEN CO) LTD	Electric Appliances	1,056	-56.0	21.6	37.5	-2.3	12.1	19.7
4739 ITOCHU T	ECHNO-SOLUTIONS CORP	Information & Communication	1,036	19.8	24.7	7.8	0.2	12.8	24.2
6383 DAIFUKU (CO LTD	Machinery	1,033	-3.2	-2.4	16.6	-2.0	13.2	21.2
6586 MAKITA CO	ORP	Machinery	1,013	67.8	324.4	35.6	15.8	6.4	19.3
7261 MAZDA M	NOTOR CORP	Transportation Equipment	1,007	11.8	44.1	6.1	14.0	10.3	5.9
	HEMICAL CO LTD	Chemicals	986	-15.6	19.2	8.5	2.4	10.1	12.6
9602 TOHO CO		Information & Communication	947	7.0	41.8	8.2	2.8	8.9	21.9
1802 OBAYASHI		Construction	935	-39.9	7.0	14.2	-1.1	6.8	13.2
8331 CHIBA BAI		Banks	925	-2.4	20.0	5.4	1.1	6.0	13.6
4021 NISSAN CH		Chemicals	909	-9.0	17.7	6.6	-0.5	19.2	20.2
	HOLDINGS CO LTD	Land Transportation	909	-32.0	58.9	15.0	-2.9	8.7	16.6
8473 SBI HOLDI			902 878	-32.0 43.3	56.0	9.3	0.5	8.8	9.1
	INGS INC IHI MOTORS CORP	Securities & Commodity Futures							
		Transportation Equipment	818	5.1	12.0	6.3	13.1	14.8	5.7
2768 SOJITZ COI		Wholesale Trade	716	-32.2	23.4	6.5	-0.1	11.5	6.6
2651 LAWSON I		Retail Trade	706	10.8	53.8	6.3	15.6	14.0	16.1
5332 TOTO LTD		Glass & Ceramics Products	660	-43.2	44.0	11.4	-2.9	8.3	16.1
	INDUSTRIES LTD	Electric Appliances	636	-3.4	84.4	6.0	6.8	8.2	11.9
3861 OJI HOLDIN		Pulp & Paper	627	-13.0	64.8	11.8	0.7	7.7	8.0
4042 TOSOH CC		Chemicals	613	-34.6	142.6	15.0	-0.5	9.7	8.0
6753 SHARP CO		Electric Appliances	600	-59.9	149.0	80.0	22.5	9.8	21.7
2002 NISSHIN S	SEIFUN GROUP INC	Foods	592	26.2	31.1	8.3	6.0	7.0	19.5
2181 PERSOL H	HOLDINGS CO LTD	Services	562	-2.1	8.0	18.1	-0.2	19.3	13.7
	LTD	Other Financing Business	561	-5.5	8.8	9.6	-2.7	9.6	9.0
8572 ACOM CO		9		-31.0	-2.2	28.2	0.5	7.2	12.1
)RP	Precision Instruments	554	51.0					
8572 ACOM CO		Precision Instruments Retail Trade	554	3.6	31.1	11.8	-0.8	11.2	17.8
8572 ACOM CO 7731 NIKON CO	ROUP CO LTD								

Source: BofA Global Research, QUICK

Note: Screening criteria: 1) mkt cap above 400bn JPY among TOPIX constituents with fiscal year ending in Mar or Feb; 2) RP growth rate gap (2H - 1H) above 0%; 3) RP growth rate (FY2) above 5%; 4) RP revision rate above -5%; 5) ROE(FY2) above 6%; 6) P/E (FY2) below 25. Based on Quick consensus. Ranked by mkt cap in descendent order.

This is a screen and not a recommended list either individually or as a group of stocks and options. Investors should consider the fundamentals of the companies and their own individual circumstances / objectives before making any investment decisions.



Exhibit 30: Stocks with average ROE and RP margin expectation (FY23, FY23) surpassing pre-pandemic average level (FY17-FY18)

ROE: FY24 > FY23, FY23-23 average > FY17-18 average, recuring profits (RP) margins: FY24>FY23, FY23-23 average > FY17-18 average

660 SEMAL LANGO LITD	TSE code	Company name	Sector	Mkt cap (bn JPY)	RP margin % (Average for FY17-18)	RP margin % (FY23)	RP margin % (FY24)	ROE % (Average for FY17-18)	ROE % (FY23)	ROE % (FY24)	P/E x (FY1)
460 DEBINAL LANDOCUTD	8306	MITSUBISHI UFJ FINANCIAL GRO	Banks	16,462	22.1	23.1	23.1	5.9	7.7	7.7	11.6
Bestin Applications Bestin Applications Bestin Applications Personal Properties	4063	SHIN-ETSU CHEMICAL CO LTD	Chemicals							14.4	14.4
See Brition SAMPOLO CUID Phormocustical Programme Programm	4661	ORIENTAL LAND CO LTD		8,741	24.0	27.4		11.8	13.5	15.0	62.7
Section Design Cooperation Equipment 7273 77 98 102 882 106 112 13 134 127 127 140 147 140 147 127 140 147 140 147 140											14.3
Professional Designation Programme 6788 7.0 10.5 11.0 7.6 14.0 14.1 12.7 17.4 17.0 17.5 18.1 18.2 12.2 22.1 29.0 Hujirilah HALDINGS CORP Procession Instruments 5.359 24.4 25.5 31.1 20.2 20.8 22.1 22.1 29.0 31.1 31.3 31.2 31.5 34	4568	DAIICHI SANKYO CO LTD	Pharmaceutical	7,956	8.8	10.6	13.4	6.5	8.9	11.5	46.3
Principle Prin	6902	DENSO CORP	Transportation Equipment								13.8
MOD RUJELIM HIZDINGS CORP											12.0
STORE FULL MINED Bectic Appliances 3.554 5.0 8.8 9.8 13.3 13.2 15.0 14.											27.3
2892 AJNOMOTO CO INC Foods 2.995	4901	FUJIFILM HOLDINGS CORP			8.4		10.8	6.8	8.0	8.4	14.9
SP25 MSADN INSURANCE GROUP Machinery 2.921 290 37.2 40.1 16.5 26.4 25.2 30.1	6702	FUJITSU LIMITED	Electric Appliances							15.0	14.5
616 DISCO CORP Machinery 2271 29.0 37.2 40.1 16.5 20.4 25.2 20.8 478 OTSUMEN HOLDINGS COLTD Permaneutical 2.684 8.4 8.4 13.4 14.8 5.6 8.3 9.0 13.6 479 14.8 15.5 20.4 47.2 4	2802	AJINOMOTO CO INC	Foods	2,996	6.1	10.3	11.0		13.1	14.4	25.7
ASS OTSUMA HOLDINGS COLTD	8725	MS&AD INSURANCE GROUP HOLDIN	Insurance								8.9
Fig. 10 ASPRITECTORP Electric Appliances 2,500 27,0 35,8 41,0 18,7 42,1 48,2 32,0 670 NEC CORP Electric Appliances 2,199 7,7 7,9 9,5 8,8 80,0 37,1 44,8 48,6 670 NEC CORP Electric Appliances 2,123 2,9 5,7 6,3 49,7 7,4 80,1 13,6			Machinery		29.0	37.2	40.1	16.5	20.4		30.6
FOR DIX CORP Electric Appliances 2,199 7.7 7.9 9.5 8.8 8.0 9.7 4.0 15.5 4.0 4.0 15.5 4.0	4578	OTSUKA HOLDINGS CO LTD	Pharmaceutical	2,864	8.4	13.4	14.8	5.6	8.3	9.0	13.0
FOID NEC CORP Electric Appliances 2,123 2,9 5,7 6,3 4,9 7,4 8,0 15 488 (BOC OI TD Information & Communication 2,088 54,9 7,08 7,16 148 16,5 16,6 33 8604 NOMURA HOLDINGS INC Securities & Commodity Futures 1,895 7,3 7,9 9,0 2,1 4,4 5,2 11,1 7202 SUZU MOTORS LTD Transportation Equipment 1,375 8,6 8,6 8,9 12,2 12,4 12,5 7,7 22,67 734LH HOMERA COLID Foods 1,208 13,6 17,0 17,5 9,8 11,2 11,4 19,9 43 5,6 40,1 18,7 18,7 19,7 18,7 18,7 19,7 18,7	6920	LASERTEC CORP	Electric Appliances	2,502	27.0	35.8	41.0	18.7	42.1	48.2	32.1
A684 CBIC CO LTD	6762	TDK CORP	Electric Appliances	2,199	7.7	7.9	9.5	8.8	8.0	9.7	14.7
Sear Nomure Accommendity Futures 1,895 7.3 7.9 9.0 2.1 4.4 5.2 1.1	6701	NEC CORP	Electric Appliances	2,123	2.9	5.7	6.3	4.9	7.4	8.0	15.1
Transportation Equipment 1,375 86 86 89 1,22 1,24 1,25 7,2 2,267 YABULT HONSHA COLTD Foods 1,208 3,16 1,70 17,5 9,8 11,2 11,4 19,9 13,5 14,0 1,7 1,5 1,8 1,7 1,7 1,3 1,4 1,5	4684	OBIC CO LTD	Information & Communication	2,088	54.9	70.8	71.6	14.8	16.5	16.6	33.2
Page	8604	NOMURA HOLDINGS INC	Securities & Commodity Futures	1,895	7.3	7.9	9.0	2.1	4.4	5.2	11.1
9142 Sci HOLDINGS CO LTD	7202	ISUZU MOTORS LTD	Transportation Equipment	1,375	8.6	8.6	8.9	12.2	12.4	12.5	7.5
PSSD ZENSHO HOLDINGS COLTD Retail Trade 1,113 3.0 4.2 4.5 13.0 17.1 17.3 4.1	2267	YAKULT HONSHA COLTD	Foods	1,208	13.6	17.0	17.5	9.8	11.2	11.4	19.5
GOSR ROHM CO LTD	9143	SG HOLDINGS CO LTD	Land Transportation	1,203	6.4	7.8	8.7	12.2	12.6	13.9	14.3
4738 TOCHU TECHNO-SOLUTIONS CORP Information & Communication 1,036 7.9 9.4 9.6 11.7 12.6 12.8 2.4 24.602 IBIDEN CO LITD Electric Appliances 10.13 5.1 14.2 17.3 2.8 9.0 12.1 18.7 27.6 18.7 19.6 12.8 18.7 27.7 19.6 12.8 18.7 27.7 19.6 12.8 18.7 27.7 19.6 12.8 18.7 27.7 19.6 12.8 18.7 27.7 19.6 12.8 18.7 27.7 19.6 12.8 18.7 27.7 19.6 18.8 19.5 19	7550	ZENSHO HOLDINGS COLTD	Retail Trade	1,113	3.0	4.2	4.5	13.0	17.1	17.3	41.3
According Floating	6963	ROHM CO LTD	Electric Appliances	1,106	14.9	16.6	16.9	5.5	7.2	7.7	14.9
7936 ASICS CORP Other Products 975 3.8 8.5 9.2 -2.3 18.1 18.7 27. 6504 FUJI ELECTRIC CO LTD Electric Appliances 964 66 9.2 9.7 12.0 11.9 12.1 13.1 22.7 7.7 10.7 10.8 5.8331 CHIBA BANK LTO/THE Banks 925 31.9 31.8 32.7 56 60 60 60 8.3 4021 NISSAN CHEMICAL CORP 5.6 60 60 8.7 4021 NISSAN CHEMICAL CORP 466 40 8.7 8.7 16 60 60 18.7 4021 NISSAN CHEMICAL CORP 466 40 8.7 8.7 16 4527 POINT CHIBOLINGS CORP 466 40 8.7 8.7 16 4527 POINT CHIBOLINGS CORT 40 8.7 16 14.1 14.2 24 46 40 8.7 16 4527 POINT CHIBOLINGS CORT 99 3.6 3.9 42 5.7 6.2 12 666 5.9 10.8 11.4 14.2 2.4<	4739	ITOCHU TECHNO-SOLUTIONS CORP	Information & Communication	1,036	7.9	9.4	9.6	11.7	12.6	12.8	24.2
6504 FUJI ELECTRIC CO LTD	4062	IBIDEN CO LTD	Electric Appliances	1,013	5.1	14.2	17.3	2.8	9.0	12.1	18.8
7261 MAZDA MOTOR CORP Transportation Equipment 955 4.1 5.1 5.2 7.7 10.7 10.8 5.831 8331 GHIBA BANKLTD/THE Barks 925 31.9 31.8 32.7 56 60 60 13. 4021 NISSAN CHEMICAL CORP Chemicals 909 18.9 24.3 24.6 16.3 18.9 19.2 20.0 9064 YAMATO HOLDINGS CO LTD Land Transportation 902 2.8 4.2 4.6 4.0 8.7 8.7 16. 4527 ROHTO PHARMACEUTICAL CO LTD Pharmaceutical 818 10.7 15.7 16.3 7.6 14.1 14.2 24. 4.6 4.0 8.7 8.7 16.2 12. 696 591.0 8.1 1.1 2.2 10.3 12.9 16. 4.2 2.7 6.0 1.1 1.1 2.6 2.7 6.0 6.1 8.1 2.21 2.3 10.3 11.9 11.5 5.6 1.9 10.3 11.2 1.3	7936	ASICS CORP	Other Products	975	3.8	8.5	9.2	-2.3	18.1	18.7	27.3
8331 CHIBA BANKLTD/THE Banks 925 31.9 31.8 32.7 5.6 6.0 6.0 13. 4021 NISSAN CHEMICAL CORP Chemicals 909 18.9 24.3 24.6 16.3 18.9 19.2 20. 9064 YAMATO HOLDINGS CO LTD Land Transportation 902 2.8 4.2 4.6 4.0 8.7 8.7 16. 4527 ROHTO PHARMACEUTICAL CO LTD Pharmaceutical 818 10.7 15.7 16.3 7.6 14.1 14.2 24. 7752 RCOH CO LTD Electric Appliances 723 4.6 18.1 23.1 23.1 3.0 12.9 16. 25.0 21.6 268 SQITZ CORP Wholesale Trade 700 4.8 5.6 5.9 10.8 11.4 11.5 6. 8136 SANRO CO LTD Wholesale Trade 670 9.9 22.8 24.9 8.4 23.5 24.6 38. 3231 NOMURA REAL ESTATE HOLDINGS Rel Estate 669 10.6 13.2 13.4 9.1 10.0 10.1	6504	FUJI ELECTRIC CO LTD	Electric Appliances	964	6.6	9.2	9.7	12.0	11.9	12.1	13.3
4021 NISSAN CHEMICAL CORP Chemicals 909 18.9 24.3 24.6 16.3 18.9 19.2 20.	7261	MAZDA MOTOR CORP		955	4.1	5.1	5.2	7.7	10.7	10.8	5.4
9064 YAMATO HOLDINGS CO LTD Land Transportation 902 2.8 4.2 4.6 4.0 8.7 8.7 16. 4527 ROMTO PHARMACEUTICAL CO LTD Pharmaceutical 818 10.7 15.7 16.3 7.6 14.1 14.2 24. 7752 RICOH CO LTD Electric Appliances 770 -0.9 3.6 3.9 -4.2 5.7 6.2 12. 6967 SHINKO ELECTRIC INDUSTRIES Electric Appliances 723 4.6 18.1 23.1 2.3 10.3 12.9 16. 2768 SOJITZ CORP Wholesale Trade 700 4.8 5.6 5.9 10.8 11.4 11.5 6. 8136 SANRIO CO LTD Wholesale Trade 670 9.9 22.8 24.9 8.4 23.5 24.6 38. 3231 NOMURA REAL ESTATE HOLDINGS Real Estate 669 10.6 13.2 13.4 9.1 10.0 10.9 9. 3091 ISETAN MITSUKOSHI HOLDINGS L Retail Trade 668 2.4 8.4 8.9 1.1 5.8 6.1 19. 361 OJI HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 3091 ISETAN MITSUKOSHI HOLDINGS L Retail Trade 668 2.4 8.4 8.9 1.1 5.8 6.1 19. 361 OJI HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 3091 ISETAN MITSUKOSHI HOLDINGS L Retail Trade 668 2.4 8.4 8.9 1.1 5.8 6.1 19. 361 OJI HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 3091 ISETAN MITSUKOSHI HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 3091 ISETAN MITSUKOSHI HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 3091 ISETAN MITSUKOSHI HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 3091 ISETAN MITSUKOSHI HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 3091 ISETAN MITSUKOSHI HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 3091 ISETAN MITSUKOSHI HOLDINGS COLTD Foods 602 2.8 3.4 3.7 6.4 5.8 7.0 25. 4385 MERCARI INC Information & Communication 580 -18.4 9.9 12.8 -25.0 21.6 28.2 34. 34 3.7 6.4 5.8 7.0 25. 3091 ISETAN MITSUKOSHI MARKETING JAPAN INC Wholesale Trade 478 4.9 8.6 8.8 7.1 8.8 8.9 12. 5101 YOKOHAMA RUBBER COLTD Rubber Products 476 8.1 9.4 9.6 10.3 10.2 10.5 7. 3091 ISETAN MITSUKOSHI MARKETING JAPAN INC Information & Communication 452 47.6 46.7 49.0 8.5 8.9 10.2 30. 9831 YAMADA HOLDINGS COLTD Retail Trade 400 2.7 3.3 3.4 3.8 5.2 5.5 12. 5101 YOKOHAMA RUBBER COLTD Retail Trade 400 2.7 3.3 3.4 3.8 5.2 5.5 12. 5101 YOKOHAMA RUBBER COLTD Pharmaceutical 421 18.0 22.7 24.7	8331	CHIBA BANK LTD/THE	Banks	925	31.9	31.8	32.7	5.6	6.0	6.0	13.6
4527 ROHTO PHARMACEUTICAL CO LTD Pharmaceutical 818 10.7 15.7 16.3 7.6 14.1 14.2 24. 7752 RICOH CO LTD Electric Appliances 770 -0.9 3.6 3.9 -4.2 5.7 6.2 12. 6967 SHINKO ELECTRIC INDUSTRIES Electric Appliances 723 4.6 18.1 23.1 2.3 10.3 12.9 16. 2768 SOJITZ CORP Wholesale Trade 700 4.8 5.6 5.9 10.8 11.4 11.5 6. 8136 SANRIO CO LTD Wholesale Trade 670 9.9 22.8 24.9 8.4 23.5 24.6 38. 3231 NOMURA REAL ESTATE HOLDINGS Real Estate 669 10.6 13.2 13.4 9.1 10.0 10.1 9. 3381 NOMURA REAL ESTATE HOLDINGS L Retail Trade 668 2.4 8.4 8.9 1.1 5.8 6.1 19. 3861 OJI HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 7012 KAWASAN HEAVY INDUSTRIES Transportation Equipment 603 2.6 4.1 4.9 6.1 9.1 10.7 8. 2212 YAMAZAKI BAKING CO LTD Foods 602 2.8 3.4 3.7 6.4 5.8 7.0 25. 4385 MERCARI INC Information & Communication 580 -18.4 9.9 12.8 -25.0 21.6 28.2 34. 8252 MARU GROUP CO LTD Retail Trade 514 15.2 18.0 19.1 8.3 10.3 11.2 17. 8060 CANON MARKETING JAPAN INC Wholesale Trade 478 4.9 8.6 8.8 7.1 8.8 8.9 12. 5101 YOKOHAMA RUBBER CO LTD Retail Trade 478 4.9 8.6 8.8 7.1 8.8 8.9 12. 5101 YOKOHAMA RUBBER CO LTD Retail Trade 440 2.7 3.3 3.4 3.8 5.2 5.5 12. 9466 KADOKAWA CORP Information & Communication 452 4.7 6 4.6 7 4.9 0 8.5 8.9 10.2 30. 9831 YAMADA HOLDINGS CONT Information & Communication 452 4.7 6 4.6 7 4.9 0 8.5 8.9 10.2 30. 9831 YAMADA HOLDINGS CO LTD Retail Trade 441 2.1 18.0 22.7 24.7 11.7 12.7 13.1 14. 3066 J FRONT RETAILING CO LTD Retail Trade 421 18.0 22.7 24.7 11.7 12.7 13.1 14. 3066 J FRONT RETAILING CO LTD Retail Trade 421 18.0 22.7 24.7 11.7 12.7 13.1 14. 3066 J FRONT RETAILING CO LTD Retail Trade 372 9.7 9.6 10.0 7.1 7.6 7.9 12. 416 TOKYO OHKA KOGYO CO LTD Retail Trade 372 9.7 9.6 10.0 7.1 7.6 7.9 12. 416 TOKYO OHKA KOGYO CO LTD Chemicals 363 10.4 15.2 17.0 5.1 8.4 10.7 18. 9749 FUJI SOFT INC	4021	NISSAN CHEMICAL CORP	Chemicals	909	18.9	24.3	24.6	16.3	18.9	19.2	20.2
4527 ROHTO PHARMACEUTICAL CO LTD Pharmaceutical 818 10.7 15.7 16.3 7.6 14.1 14.2 24. 7752 RICOH CO LTD Electric Appliances 770 -0.9 3.6 3.9 -4.2 5.7 6.2 12. 6667 SHINKO ELECTRIC INDUSTRIES Electric Appliances 723 4.6 18.1 23.1 2.3 10.3 12.9 16. 2768 SUITZ CORP Wholesale Trade 700 4.8 5.6 5.9 10.8 11.4 11.5 6. 8136 SANRIO CO LTD Wholesale Trade 670 9.9 22.8 24.9 8.4 23.5 24.6 38. 3231 NOMURA REAL ESTATE HOLDINGS Real Estate 669 10.6 13.2 13.4 9.1 10.0 10.1 9. 3381 OJI HOLDINGS L Retail Trade 668 2.4 8.4 8.9 1.1 5.8 6.1 19. 3381 OJI HOLDINGS CORP Pulp & Paper 62.7 6.0 6.4 7.0 6.6 7.3 7.7 8. 7012 KAWASAN HEAVY INDUSTRIES Transportation Equipment 603 2.6 4.1 4.9 6.1 9.1 10.7 8. 212 YAMAZAKI BAKING CO LTD FOOds 602 2.8 3.4 3.7 6.4 5.8 7.0 25. 4385 MERCARI INC Information & Communication 580 -18.4 9.9 12.8 -25.0 21.6 28. 23.4 8.0 19.1 8.3 10.3 11.2 17. 8060 CANDON MARKETING JAPAN INC Wholesale Trade 478 4.9 8.6 8.8 7.1 8.8 9.1 2.5 10.1 YOKOHAMA RUBBER CO LTD Rubber Products 476 8.1 9.4 9.6 10.3 10.2 10.5 7. 3697 SHIFT INC Information & Communication 452 4.7 6 4.6 7 4.9 8.5 8.9 10.2 30. 363 YAMADA HOLDINGS CORP Information & Communication 452 4.7 6 4.6 7 4.9 0 8.5 8.9 10.2 30. 363 YAMADA HOLDINGS CORP Information & Communication 452 4.7 6 4.6 7 4.9 0 8.5 8.9 10.2 30. 363 YAMADA HOLDINGS COLTD Retail Trade 4.0 2.7 3.3 3.4 3.8 5.2 5.5 12. 3468 KADOKAWA CORP Information & Communication 452 4.7 6 4.6 7 4.9 0 8.5 8.9 10.2 30. 363 YAMADA HOLDINGS COLTD Retail Trade 4.0 2.7 3.3 3.4 3.8 5.2 5.5 12. 3468 KADOKAWA CORP Information & Communication 452 4.7 6 4.6 7 4.9 0 8.5 8.9 10.2 30. 363 YAMADA HOLDINGS COLTD Retail Trade 4.0 2.7 3.3 3.4 3.8 5.2 5.5 12. 3468 KADOKAWA CORP Information & Communication 452 4.7 6 4.6 7 4.9 0 8.5 8.9 10.2 30. 363 YAMADA HOLDINGS COLTD Retail Trade 4.0 2.7 3.3 3.4 3.8 5.2 5.5 12. 3468 KADOKAWA CORP Information & Communication 4.5 3.0 2.7 2.4 7 11.7 12.7 13.1 14. 3066 J FRONT RETAILING COLTD Retail Trade 3.7 2 9.7 9.6 10.0 7.1 7.6 7.9 12. 306 7.0 306 YAMADA HOLDINGS COLTD Retail Trade 3.7 2 9.7 9.6 1	9064	YAMATO HOLDINGS CO LTD		902	2.8	4.2	4.6	4.0	8.7	8.7	16.6
6967 SHINKO ELECTRIC INDUSTRIES Electric Appliances 723 4.6 18.1 23.1 2.3 10.3 12.9 16. 2768 SOJITZ CORP Wholesale Trade 700 4.8 56 5.9 10.8 11.4 11.5 6. 8136 SANRIO CO LTD Wholesale Trade 670 9.9 22.8 24.9 8.4 23.5 24.6 38. 3231 NOMURA REAL ESTATE HOLDINGS Real Estate 669 10.6 13.2 13.4 9.1 10.0 10.1 9. 3099 ISETAN MITSUKOSHI HOLDINGS L Retail Trade 668 2.4 8.4 8.9 1.1 5.8 6.1 19. 3661 Oji HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 7012 KAWASAKI HEAVI NDUSTRIES Transportation Equipment 603 2.6 4.1 4.9 6.1 9.1 10.7 8. 2212 YAMAZAKI BAKING CO LTD Foods 602 2.8 3.4 3.7 6.4 5.8 7.0 25. 4385 MERCARI INC Information & Communication 580 1.84 9.9 12.8 2.25.0 21.6 28.2 34. 8252 MARUI GROUP CO LTD Retail Trade 514 15.2 18.0 19.1 8.3 10.3 11.2 17. 886 CANON MARKETING JAPAN INC Wholesale Trade 478 4.9 8.6 8.8 7.1 8.8 8.9 12.5 1011 YOKOHAMA RUBBER CO LTD Rubber Products 476 8.1 9.4 9.6 10.3 10.2 10.5 7. 3697 SHIFT INC Information & Communication 458 8.8 11.8 12.8 17.6 26.3 27.8 36. 4733 OBIC BUSINESS CONSULTANTS Information & Communication 458 8.8 11.8 12.8 17.6 26.3 27.8 36. 4733 OBIC BUSINESS CONSULTANTS Information & Communication 459 4.0 2.7 3.3 3.4 3.8 5.2 5.5 12.9 46.6 KADOKAWA CORP Information & Communication 431 1.9 8.9 9.5 1.15 7.1 7.9 2.6 4516 NIPPON SHINYAKU CO LTD Retail Trade 440 2.7 3.3 3.4 3.8 5.2 5.5 12.9 46.6 KADOKAWA CORP Information & Communication 431 1.9 8.9 9.5 1.15 7.1 7.9 2.6 4516 NIPPON SHINYAKU CO LTD Pharmaceutical 421 18.0 22.7 24.7 11.7 12.7 13.1 14. 306 J.PRON SHINYAKU CO LTD Retail Trade 372 9.7 9.6 10.0 7.1 7.6 7.9 12. 4186 TOKYO OHKA KOGYO CO LTD Chemicals 363 10.4 152 17.0 5.1 8.4 10.7 18. 9749 FUJI SOFT INC	4527	ROHTO PHARMACEUTICAL CO LTD		818	10.7	15.7	16.3	7.6	14.1	14.2	24.0
6967 SHINKO ELECTRIC INDUSTRIES Electric Appliances 723 4.6 18.1 23.1 2.3 10.3 12.9 16. 2768 SOJITZ CORP Wholesale Trade 700 4.8 56 5.9 10.8 11.4 11.5 6. 8136 SANRIO CO LTD Wholesale Trade 670 9.9 22.8 24.9 8.4 23.5 24.6 38. 3231 NOMURA REAL ESTATE HOLDINGS Real Estate 669 10.6 13.2 13.4 9.1 10.0 10.1 9. 3099 ISETAN MITSUKOSHI HOLDINGS L Retail Trade 668 2.4 8.4 8.9 1.1 5.8 6.1 19. 3661 Oji HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 7012 KAWASAKI HEAVI NDUSTRIES Transportation Equipment 603 2.6 4.1 4.9 6.1 9.1 10.7 8. 2212 YAMAZAKI BAKING CO LTD Foods 602 2.8 3.4 3.7 6.4 5.8 7.0 25. 4385 MERCARI INC Information & Communication 580 1.84 9.9 12.8 2.25.0 21.6 28.2 34. 8252 MARUI GROUP CO LTD Retail Trade 514 15.2 18.0 19.1 8.3 10.3 11.2 17. 886 CANON MARKETING JAPAN INC Wholesale Trade 478 4.9 8.6 8.8 7.1 8.8 8.9 12.5 1011 YOKOHAMA RUBBER CO LTD Rubber Products 476 8.1 9.4 9.6 10.3 10.2 10.5 7. 3697 SHIFT INC Information & Communication 458 8.8 11.8 12.8 17.6 26.3 27.8 36. 4733 OBIC BUSINESS CONSULTANTS Information & Communication 458 8.8 11.8 12.8 17.6 26.3 27.8 36. 4733 OBIC BUSINESS CONSULTANTS Information & Communication 459 4.0 2.7 3.3 3.4 3.8 5.2 5.5 12.9 46.6 KADOKAWA CORP Information & Communication 431 1.9 8.9 9.5 1.15 7.1 7.9 2.6 4516 NIPPON SHINYAKU CO LTD Retail Trade 440 2.7 3.3 3.4 3.8 5.2 5.5 12.9 46.6 KADOKAWA CORP Information & Communication 431 1.9 8.9 9.5 1.15 7.1 7.9 2.6 4516 NIPPON SHINYAKU CO LTD Pharmaceutical 421 18.0 22.7 24.7 11.7 12.7 13.1 14. 306 J.PRON SHINYAKU CO LTD Retail Trade 372 9.7 9.6 10.0 7.1 7.6 7.9 12. 4186 TOKYO OHKA KOGYO CO LTD Chemicals 363 10.4 152 17.0 5.1 8.4 10.7 18. 9749 FUJI SOFT INC					-0.9			-4.2	5.7		12.6
2768 SOJITZ CORP Wholesale Trade 700 4.8 5.6 5.9 10.8 11.4 11.5 6. 8136 SANRIO CO LTD Wholesale Trade 670 9.9 22.8 24.9 8.4 23.5 24.6 38. 3231 NOMURA REAL ESTATE HOLDINGS Real Estate 669 10.6 13.2 13.4 9.1 10.0 10.1 9. 3361 OJI HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 7012 KAWASAKI HEAVY INDUSTRIES Transportation Equipment 603 2.6 4.1 4.9 6.1 9.1 10.7 8. 2212 YAMAZAKI BAKING CO LTD Foods 602 2.8 3.4 3.7 6.4 5.8 7.0 2.5 4385 MERCARI INC Information & Communication 580 -18.4 9.9 12.8 -25.0 21.6 28.2 34. 8252 MARUI GROUP CO LTD Retail Trade 514 15.2 18.0 19.1 8.3 <									10.3		16.6
8136 SANRIO CO LTD Wholesale Trade 670 9.9 22.8 24.9 8.4 23.5 24.6 38. 3231 NOMURA REAL ESTATE HOLDINGS Real Estate 669 10.6 13.2 13.4 9.1 10.0 10.1 9. 3099 ISETAN MITSUKOSHI HOLDINGS L Retail Trade 668 2.4 8.4 8.9 1.1 5.8 61 19. 3661 OJI HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 2212 YAMAZAKI BAKING CO LTD Foods 602 2.8 3.4 3.7 6.4 5.8 7.0 2.5 4385 MERCARI INC Information & Communication 580 -18.4 9.9 12.8 -25.0 21.6 28.2 34. 8252 MARUI GROUP CO LTD Retail Trade 514 15.2 18.0 19.1 8.3 10.3 11.2 17. 8060 CANON MARKETING JAPAN INC Wholesale Trade 478 4.9 8.6 8.8 7.1			• • • • • • • • • • • • • • • • • • • •					10.8	11.4		6.6
3231 NOMURA REAL ESTATE HOLDINGS Real Estate 669 10.6 13.2 13.4 9.1 10.0 10.1 9. 3099 ISETAM MITSUKOSHI HOLDINGS L Retail Trade 668 2.4 8.4 8.9 1.1 5.8 6.1 19. 361 0JH HOLDINGS CORP Pulp & Paper 627 6.0 6.4 7.0 6.6 7.3 7.7 8. 7012 KAWASAKI HEAVY INDUSTRIES Transportation Equipment 603 2.6 4.1 4.9 6.1 9.1 10.7 8. 2212 YAMAZAKI BAKING CO LTD Foods 602 2.8 3.4 3.7 6.4 5.8 7.0 2.5 4.385 MERCARI INC Information & Communication 580 -18.4 9.9 12.8 -25.0 21.6 28.2 34. 8252 MARUI GROUP CO LTD Retail Trade 514 15.2 18.0 19.1 8.3 10.3 11.2 17. 8060 CANON MARKETING JAPAN INC Wholesale Trade 478 4.9 8.6 8.8 7.1 8.8 8.9 12. 5101 YOKOHAMA RUBBER CO LTD Rubber Products 476 8.1 9.4 9.6 10.3 10.2 10.5 36. 4733 OBIC BUSINESS CONSULTANTS Information & Communication 458 8.8 11.8 12.8 17.6 26.3 27.8 36. 4733 OBIC BUSINESS CONSULTANTS Information & Communication 452 47.6 46.7 49.0 8.5 8.9 10.2 30. 9831 YAMADA HOLDINGS CO LTD Retail Trade 440 2.7 3.3 3.4 3.8 5.2 5.5 12. 9468 KADOKAWA CORP Information & Communication 433 1.9 8.9 9.5 -1.5 7.1 7.9 26. 4516 NIPPON SHINYAKU CO LTD Pharmaceutical 421 18.0 22.7 24.7 11.7 12.7 13.1 14. 3086 J FRONT RETAILING CO LTD Retail Trade 372 9.7 9.6 10.0 7.1 7.6 7.9 12. 4186 TOKYO OHKA KOGYO CO LTD Chemicals 363 10.4 15.2 17.0 5.1 8.4 10.7 18. 9749 FUJI SOFT INC											38.3
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	8233	IANASHIMAYA CU LTD	KETAII ITAGE	351	3.8	9.8	10.5	4.6	7.3	1.7	10.2

Source: BofA Global Research, QUICK

Note: Screening criteria: 1) mkt cap above 350bn JPY among TOPIX constituents; 2) ROE: FY24 > FY23, FY23-23 average > FY17-18 average,; 3) Recuring profits (RP) margins: FY24>FY23, FY23-23 average > FY17-18 average. Based on Quick consensus. Ranked by mkt cap in descendent order.

This is a screen and not a recommended list either individually or as a group of stocks and options. Investors should consider the fundamentals of the companies and their own individual circumstances / objectives before making any investment decisions.



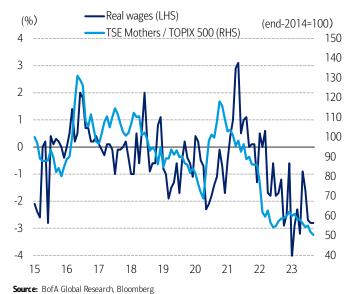
Small caps are likely to rebound either in January or spring 2024

Lastly, we consider when small caps are likely to rebound. Looking at the performance of stocks on the TSE Mothers relative to large caps, we see a positive correlation with real wages (Exhibit 31). This is because the TSE Mothers has many domestic demand-led stocks while it has an inverse relationship with exchange rates (Exhibit 32). When the yen is weakening, it raises the materials costs of domestic demand-led stocks, and this probably makes large external demand-led stocks preferable.

Accordingly, the current conditions of negative real rates and a weakening yen present headwinds for TSE Mothers stocks. For these to turn into tailwinds would require (1) real wages turning positive or nearly positive next year, (2) the BoJ lifting NIRP under these conditions and negative catalysts for overvalued TSE Mothers stocks fading, and (3) the BoJ's lifting of NIRP curtailing excessive yen depreciation and contributing to a rise in real wages. We expect that to happen as early as January 2024 or by around springtime.

Exhibit 31: TSE Mothers/ TOPIX 500 and real wages

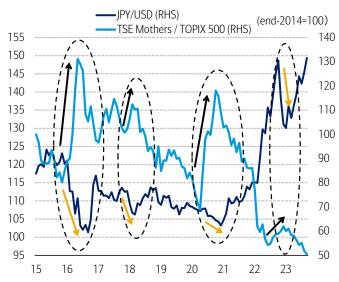
The two series are positively correlated



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Exhibit 32: TSE Mothers/TOPIX 500 and real wages

The two series are negatively correlated



Source: BofA Global Research, Bloomberg

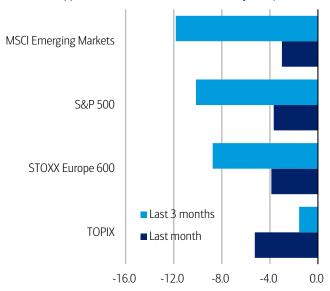


Appendix 1: Key statistics

1. Performance

Exhibit 33: Japan has underperformed the rest of the world last month

The decline appears to have reflected the seasonality in Sep



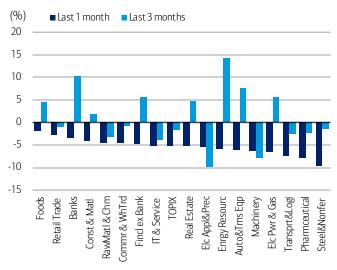
Source: BofA Global Research, Bloomberg

Note: based on total return index in JPY terms; as of 27 Oct, 2023 (same for the following charts).

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Exhibit 35: Share price performance by sector

Foods and retail trade sectors have outperformed last month

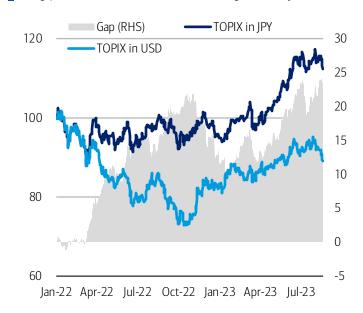


Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 34: TOPIX in USD and JPY terms

The gap between TOPIX in USD & JPY remains large vs. history



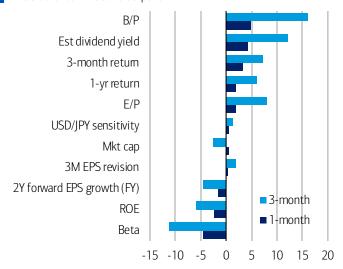
Source: BofA Global Research, Bloomberg

Note: End of Dec 2021 = 100.

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Exhibit 36: TOPIX factor return (%)

Value factor continued to outperform



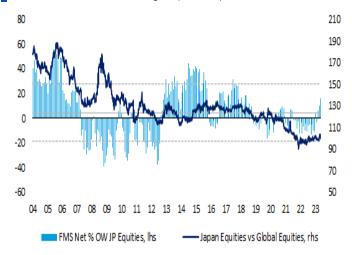
Source: BofA Global Research, Bloomberg, Astra Manager
Note: we divide TOPIX names into 5 group based on each factor defined by Bloomberg, then subtract the return of the lowest group from the highest one.



2. Survey and consensus

Exhibit 37: Net % AA Say they are overweight Japanese Equities

Net% of FMS investors overweight Japanese equities

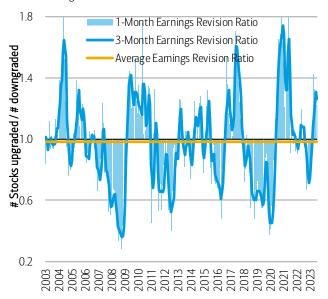


Source: BofA Global Fund Manager Survey, Datastream Global Fund Manager Survey: Reverse Leverage 17 October 2023

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Exhibit 39: Earnings Revision Ratio (current fiscal year)

1-Month Earnings Revision Ratio softened



Source: BofA Global Research, Astra Manager Note: Fiscal year base. Based on TOPIX constituents.

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Exhibit 38: Asia Pacific market sentiment: Net % FMS investors overweight

Japan (net 55% overweight) is unequivocally the favorite market in the region, followed by India (28%), while China (net 12% underweight) sits at the bottom of the preference stack

Asia Pacific market sentiment: Net % FMS investors overweight (% saying overweight - % saying underweight)



Source: BofA Global Fund Manager Survey, Datastream

Asia Fund Manager Survey: The best and worst of Asia 17 October 2023

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Exhibit 40: Earnings revision ratio by sector

Commercial & wholesale trade sector saw more earnings upgrades

Current fiscal year			ear	Next fiscal year				
Sector	Upward Revision	Downward Revision	Revision index* (%)	Upward Revision	Downward Revision	Revision index* (%)		
COMMERCIAL & WHOLESALE TRADE	105	-48	37	98	-46	36		
BANKS	52	-27	32	54	-24	38		
REAL ESTATE	67	-36	30	76	-36	36		
ENERGY RESOURCES	21	-8	45	16	-11	19		
AUTOMOBILES & TRANSPORTATION	174	-89	32	170	-94	29		
FOODS	130	-66	33	123	-71	27		
TRANSPORTATION & LOGISTICS	130	-65	33	115	-80	18		
RETAIL TRADE	226	-144	22	234	-138	26		
ELECTRIC POWER & GAS	33	-13	43	23	-22	2		
MACHINERY	159	-123	13	173	-109	23		
PHARMACEUTICAL	92	-63	19	88	-66	14		
TOPIX	2415	-1861	13	2311	-1889	10		
CONSTRUCTION & MATERIALS	139	-107	13	130	-117	5		
STEEL & NONFERROUS METALS	61	-46	14	55	-51	4		
IT & SERVICES, OTHERS	466	-406	7	428	-417	1		
FINANCIALS (EX BANKS)	56	-61	-4	54	-58	-4		
RAW MATERIALS & CHEMICALS	185	-212	-7	189	-205	-4		
ELECTRIC APPLIANCES & PRECISIONINSTRUMENTS	319	-347	-4	285	-344	-9		

Source: BofA Global Research, Astra Manager

Note: Based on Quick Consensus on net income revisions. No. of Downward Revision is showed as negative. Ranked by the sum of revision index of current and next fiscal year.

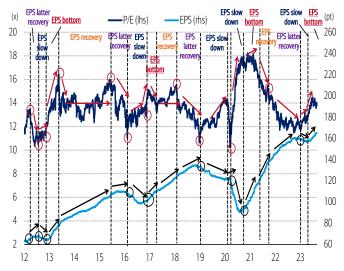
 * Revision index is calculated as (No. of Upward Revision + No. of Downward Revision) / (Total No. of companies with Revisions)



3. Valuation and shareholder returns

Exhibit 41: Correlation between TOPIX 12-month forward EPS estimate and P/E

P/E multiples decline in the latter stages of an EPS recovery and rise during periods of EPS deterioration; the stockprice tends to rise significantly during "EPS bottoming" period where both P/E and EPS rise



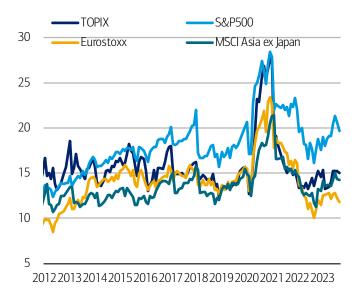
Source: BofA Global Research, Refinitiv

Note: EPS and P/E based on 12-month forward I/B/E/S consensus estimates.

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Exhibit 42: Forward P/E comparison among TOPIX and its global peers

TOPIX still looks cheaper than S&P500

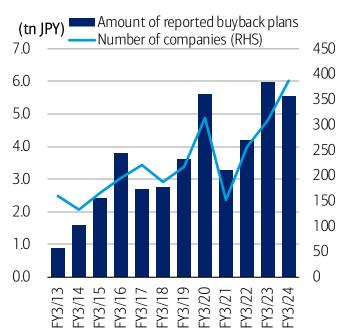


Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 43: Amount and number of reported buyback plans (FYTD)

More number but less amount vs. FY 3/23



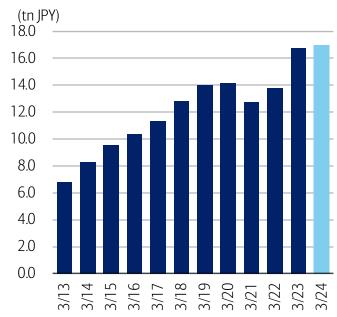
Note: Number of companies is adjusted for the companies which announced buyback plans more than once within a year. From Apr 1 to Oct 27for each fiscal year.

Source: BofA Global Research, Astra Manager

BofA GLOBAL RESEARCH

Exhibit 44: Total dividend amounts of TOPIX

The market expects a roughly flat dividend growth in next fiscal year



Source: Astra Manager, BofA Global Research Based on QUICK consensus.



4. Screenings

Exhibit 45: Large-cap stocks with the highest 1-month return

Top 50 names in terms of 1-month share-price performance

TSE Code	Company name	Sector	MKT CAP (bn JPY)	1-month absolute performance (%)	3-month absolute performance (%)	YTD relative performance (%, vs. TOPIX)
9143	SG HOLDINGS CO LTD	Land Transportation	1,412.1	15.1	0.6	-4.9
7181	JAPAN POST INSURANCE CO LTD	Insurance	1,071.2	10.9	19.3	2.0
6920	LASERTEC CORP	Electric Appliances	2,412.8	10.0	19.9	-2.4
2002	NISSHIN SEIFUN GROUP INC	Foods	637.5	9.9	18.1	-6.6
9532	OSAKA GAS CO LTD	Electric Power & Gas	1,126.3	9.8	22.9	-3.3
6178	JAPAN POST HOLDINGS CO LTD	Services	4,547.8	9.7	23.8	-0.8
6702	FUJITSU LIMITED	Electric Appliances	3,975.5	9.1	6.1	-12.6
9009	KEISEI ELECTRIC RAILWAY CO	Land Transportation	958.4	7.3	-4.6	27.3
4732	USS CO LTD	Services	671.4	5.7	7.2	3.8
7182	JAPAN POST BANK CO LTD	Banks	4,968.8	5.6	17.4	2.8
2801	KIKKOMAN CORP	Foods	1,603.0	5.4	1.6	1.2
4091	NIPPON SANSO HOLDINGS CORP	Chemicals	1,612.4	5.0	15.2	75.2
7309	SHIMANO INC	Transportation Equipment	1,913.2	4.9	-1.1	-16.3
3038	KOBE BUSSAN CO LTD	Wholesale Trade	999.5	4.2	-4.0	-21.6
8795	T&D HOLDINGS INC	Insurance	1,512.3	4.0	9.6	16.3
8697	JAPAN EXCHANGE GROUP INC	Other Financing Business	1,525.2	4.0	20.2	33.6
8267	AEON CO LTD	Retail Trade	2,682.0	3.8	1.8	-7.8
9107	KAWASAKI KISEN KAISHA LTD	Marine Transportation	1,326.5	3.7	23.3	69.8
4063	SHIN-ETSU CHEMICAL CO LTD	Chemicals	9,112.6	3.7	-1.4	13.4
4507	SHIONOGI & CO LTD	Pharmaceutical	2,120.3	3.2	17.0	-14.0
6273	SMC CORP	Machinery	4,650.5	3.1	-8.2	5.4
9064	YAMATO HOLDINGS CO LTD	Land Transportation	946.7	2.4	-7.3	-0.5
6861	KEYENCE CORP	Electric Appliances	13,799.6	2.2	-14.9	-16.0
4613	KANSAI PAINT CO LTD	Chemicals	520.8	2.1	-4.7	17.8
8331	CHIBA BANK LTD/THE	Banks	904.4	2.0	13.5	-3.8
2897	NISSIN FOODS HOLDINGS COLTD	Foods	1,301.2	1.8	6.6	2.7
9706	JAPAN AIRPORT TERMINAL CO	Real Estate	599.9	1.6	-0.8	-21.5
7186	CONCORDIA FINANCIAL GROUP LT	Banks	815.3	1.6	11.3	8.1
6586	MAKITA CORP	Machinery	1,047.3	1.3	-6.5	1.4
4543	TERUMO CORP	Precision Instruments	2,996.0	1.1	-11.7	-12.4
7733	OLYMPUS CORP	Precision Instruments	2,483.0	1.0	-12.2	-34.9
8411	MIZUHO FINANCIAL GROUP INC	Banks	6,510.6	0.9	7.8	18.4
1925	DAIWA HOUSE INDUSTRY CO LTD	Construction	2,669.1	0.8	6.5	15.1
3092	ZOZO INC	Retail Trade	861.7	0.8	-1.6	-34.4
2914	JAPAN TOBACCO INC	Foods	6,918.0	0.6	11.7	11.8
9735	SECOM CO LTD	Services	2,375.0	0.4	9.3	16.4
6501	HITACHILTD	Electric Appliances	8,631.9	0.4	6.9	13.6
9983	FAST RETAILING CO LTD	Retail Trade	10,399.5	0.3	-6.3	5.1
2503	KIRIN HOLDINGS CO LTD	Foods	1,917.6	0.2	0.2	-14.0
4739	ITOCHU TECHNO-SOLUTIONS CORP	Information & Communication	1,037.3	0.2	23.2	21.6
8473	SBI HOLDINGS INC	Securities & Commodity Futures	868.2	0.2	6.4	5.9
9531	TOKYO GAS CO LTD	Electric Power & Gas	1,476.4	0.1	7.8	7.8
6762	TDK CORP	Electric Appliances	2,155.0	0.0	3.9	9.5
3003	HULIC CO LTD	Real Estate	1,029.8	0.0	12.3	9.6
	SONY GROUP CORP	Electric Appliances	15,435.6	0.0	-6.1	1.6
	TOSHIBA CORP	Electric Appliances	1,994.5	-0.0	0.5	-19.2
7832	BANDAI NAMCO HOLDINGS INC	Other Products	2,025.3	-0.0	-3.6	-7.8
1803	SHIMIZU CORP	Construction	771.9	-0.1	8.2	19.6
7735	SCREEN HOLDINGS CO LTD	Electric Appliances	738.5	-0.2	-8.1	51.4
8750	DAI-ICHI LIFE HOLDINGS INC	Insurance	3,058.8	-0.2	7.0	-14.9
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Source: BofA Global Research, Astra Manager, Bloomberg

Note: Screened by 1) TOPIX500 companies with MKT CAP above 500 bn JPY; 2) Top 50 in terms of 1-month return. As of Oct 27, 2023. (same for the following screens)



Exhibit 46: Large-cap stocks with the lowest 1-month return

Bottom 50 names in terms of 1-month share-price performance

TSE Code	Company name	Sector	MKT CAP (bn JPY)	1-month absolute performance (%)	3-month absolute performance (%)	YTD relative performance (%, vs. TOPIX)
3769	GMO PAYMENT GATEWAY INC	Information & Communication	457.7	-26.9	-44.6	-63.3
3064	MONOTARO CO LTD	Retail Trade	588.6	-26.6	-33.1	-53.9
6532	BAYCURRENT CONSULTING INC	Services	582.6	-25.0	-18.5	-24.4
6645	OMRON CORP	Electric Appliances	1,096.8	-20.2	-30.2	-20.5
6594	NIDEC CORP	Electric Appliances	3,304.0	-20.1	-34.0	-36.9
4062	IBIDEN CO LTD	Electric Appliances	901.2	-19.7	-24.9	17.8
6976	TAIYO YUDEN CO LTD	Electric Appliances	430.8	-18.3	-21.9	-29.8
6305	HITACHI CONSTRUCTION MACHINE	Machinery	801.5	-18.0	-11.6	13.4
2413	M3 INC	Services	1,540.3	-16.5	-28.7	-54.2
6460	SEGA SAMMY HOLDINGS INC	Machinery	560.9	-15.7	-23.2	1.5
6301	KOMATSULTD	Machinery	3,319.7	-15.7	-13.8	9.1
6370	KURITA WATER INDUSTRIES LTD	Machinery	511.2	-15.6	-22.6	-37.2
6752	PANASONIC HOLDINGS CORP	Electric Appliances	3,499.8	-15.2	-16.0	12.8
6724	SEIKO EPSON CORP	Electric Appliances	768.3	-15.1	-10.0	-3.7
7261	MAZDA MOTOR CORP	Transportation Equipment	911.4	-15.0	5.2	30.2
4516	NIPPON SHINYAKU CO LTD	Pharmaceutical	380.6	-14.4	-5.5	-45.6
9008	KEIO CORP	Land Transportation	566.5	-14.3	-6.4	-26.9
6504	FUJI ELECTRIC CO LTD	Electric Appliances	866.7	-13.9	-7.9	1.7
6967	SHINKO ELECTRIC INDUSTRIES	Electric Appliances	678.6	-13.8	-9.7	32.7
4502	TAKEDA PHARMACEUTICAL COLTD	Pharmaceutical	6,331.1	-13.8	-7.5	-20.2
6383	DAIFUKU CO LTD	Machinery	926.8	-13.8	-21.3	2.1
5802	SUMITOMO ELECTRIC INDUSTRIES	Nonferrous Metals	1,237.4	-13.5	-12.1	-11.6
7201	NISSAN MOTOR CO LTD	Transportation Equipment	2,414.2	-13.4	-7.5	22.7
7202	ISUZU MOTORS LTD	Transportation Equipment	1,275.8	-12.7	-8.7	-7.3
7270	SUBARU CORP	Transportation Equipment	1,957.9	-12.4	-2.8	11.3
9697	CAPCOM CO LTD	Information & Communication	1,257.4	-12.4	-23.0	-5.2
6965	HAMAMATSU PHOTONICS KK	Electric Appliances	912.8	-12.2	-18.6	-29.6
6963	ROHM CO LTD	Electric Appliances	1,022.4	-11.9	-24.0	-13.5
7701	SHIMADZU CORP	Precision Instruments	1,038.3	-11.7	-18.5	-23.4
4151	KYOWA KIRIN CO LTD	Pharmaceutical	1,246.9	-11.3	-14.2	-39.8
8015	TOYOTA TSUSHO CORP	Wholesale Trade	2,767.7	-11.1	3.6	46.1
2181	PERSOL HOLDINGS CO LTD	Services	505.1	-11.0	-21.5	-40.8
7936	ASICS CORP	Other Products	882.9	-11.0	7.4	44.9
4188	MITSUBISHI CHEMICAL GROUP CO	Chemicals	1,266.2	-10.8	0.9	6.5
6201	TOYOTA INDUSTRIES CORP	Transportation Equipment	3,421.3	-10.8	2.4	32.1
3635	KOEI TECMO HOLDINGS CO LTD	Information & Communication	637.7	-10.7	-20.1	-37.8
5333	NGK INSULATORS LTD	Glass & Ceramics Products	552.9	-10.6	3.3	-13.8
4755	RAKUTEN GROUP INC	Services	1,174.2	-10.5	-0.1	-25.0
4528	ONO PHARMACEUTICAL COLTD	Pharmaceutical	1,331.6	-10.3	-1.3	-33.3
4922	KOSE CORP	Chemicals	591.7	-10.0	-29.0	-48.4
3231	NOMURA REAL ESTATE HOLDINGS	Real Estate	620.3	-9.8	-1.0	3.9
6701	NEC CORP	Electric Appliances	2,035.5	-9.7	9.6	43.5
6367	DAIKIN INDUSTRIES LTD	Machinery	6,216.9	-9.6	-25.7	-13.0
9042	HANKYU HANSHIN HOLDINGS INC	Land Transportation	1,172.0	-9.6	-2.1	-0.2
3291	IIDA GROUP HOLDINGS CO LTD	Real Estate	631.0	-9.5	-8.2	-4.6
9020	EAST JAPAN RAILWAY CO	Land Transportation	2,933.5	-9.3	-4.0	-15.1
3382	SEVEN & I HOLDINGS CO LTD	Retail Trade	4,709.7	-9.3	-9.0	-22.8
9613	NTT DATA GROUP CORP	Information & Communication	2,551.1	-9.3	-6.4	-24.9
4911	SHISEIDO CO LTD	Chemicals	1,906.4	-9.2	-22.7	-42.6
6506	YASKAWA ELECTRIC CORP	Electric Appliances	1,306.3	-9.2	-22.5	0.0

Source: BofA Global Research, Astra Manager, Bloomberg

Note: Screened by 1) TOPIX500 companies with MKT CAP above 500 bn JPY; 2) Bottom 50 in terms of 1-month return.



Exhibit 47: Large-cap stocks with the highest 3-month earnings revision Top 50 names in terms of 3-month earnings revision

7453 RYOHIN KEIKAKU CO LTD Retail Trade 577.4 40.2 44 8136 SANRIO CO LTD Wholesale Trade 560.3 32.8 32 9501 TOKYO ELECTRIC POWER COMPANY Electric Power & Gas 1,029.3 27.1 22 2651 LAWSON INC Retail Trade 708.7 26.6 6920 LASERTEC CORP Electric Appliances 2,412.8 26.3 26 9008 KEIO CORP Land Transportation 566.5 25.5 24 6753 SHARP CORP Electric Appliances 593.3 22.5 3. 7936 ASICS CORP Other Products 882.9 22.1 18	f prior) (%, vs. TOPIX)
8136 SANRIO CO LTD Wholesale Trade 560.3 32.8 32 9501 TOKYO ELECTRIC POWER COMPANY Electric Power & Gas 1,029.3 27.1 22 2651 LAWSON INC Retail Trade 708.7 26.6 6920 LASERTEC CORP Electric Appliances 2,412.8 26.3 26 9008 KEIO CORP Land Transportation 566.5 25.5 24 6753 SHARP CORP Electric Appliances 593.3 22.5 3. 7936 ASICS CORP Other Products 882.9 22.1 18	5.3 -21.5
9501 TOKYO ELECTRIC POWER COMPANY Electric Power & Gas 1,029.3 27.1 22 2651 LAWSON INC Retail Trade 708.7 26.6 6920 LASERTEC CORP Electric Appliances 2,412.8 26.3 26 9008 KEIO CORP Land Transportation 566.5 25.5 24 6753 SHARP CORP Electric Appliances 593.3 22.5 3. 7936 ASICS CORP Other Products 882.9 22.1 18	
2651 LAWSON INC Retail Trade 708.7 26.6 6920 LASERTEC CORP Electric Appliances 2,412.8 26.3 26 9008 KEIO CORP Land Transportation 566.5 25.5 24 6753 SHARP CORP Electric Appliances 593.3 22.5 3. 7936 ASICS CORP Other Products 882.9 22.1 18	
6920 LASERTEC CORP Electric Appliances 2,412.8 26.3 26 9008 KEIO CORP Land Transportation 566.5 25.5 24 6753 SHARP CORP Electric Appliances 593.3 22.5 3. 7936 ASICS CORP Other Products 882.9 22.1 18	
9008 KEIO CORP Land Transportation 566.5 25.5 24 6753 SHARP CORP Electric Appliances 593.3 22.5 3. 7936 ASICS CORP Other Products 882.9 22.1 18	20.5
6753 SHARP CORP Electric Appliances 593.3 22.5 3. 7936 ASICS CORP Other Products 882.9 22.1 18	
7936 ASICS CORP Other Products 882.9 22.1 18	
1911 SUMITOMO FORESTRY COLTD Construction 709 9 20.6 24	3.5 44.9
	4.3 32.9
9983 FAST RETAILING CO LTD Retail Trade 10,399.5 17.7 18	3.5 5.1
7203 TOYOTA MOTOR CORP Transportation Equipment 41,945.8 17.1 15	5.1 26.4
4755 RAKUTEN GROUP INC Services 1,174.2 16.4 8.	2 -25.0
9502 CHUBU ELECTRIC POWER CO INC Electric Power & Gas 1,404.2 16.4 14	1.4 12.2
6305 HITACHI CONSTRUCTION MACHINE Machinery 801.5 16.2 17	7.0 13.4
6586 MAKITA CORP Machinery 1,047.3 15.8 13	3.1 1.4
7261 MAZDA MOTOR CORP Transportation Equipment 911.4 15.5 6.	.5 30.2
	5.8 159.4
9201 JAPAN AIRLINES CO LTD Air Transportation 1,194.1 15.2 9.	
7532 PAN PACIFIC INTERNATIONAL HO Retail Trade 1,821.1 15.0 14	
7550 ZENSHO HOLDINGS CO LTD Retail Trade 1,194.9 15.0 12	
9104 MITSULOSK LINES LTD Marine Transportation 1,482.1 14.9 16	
6098 RECRUIT HOLDINGS CO LTD Services 7,287.5 14.7 13	
6465 HOSHIZAKI CORP Machinery 695.7 14.2 5.	
9435 HIKARI TSUSHIN INC Information & Communication 954.2 13.3 2.	
7267 HONDA MOTOR CO LTD Transportation Equipment 8,368.8 13.2 11	
4689 LY CORP Information & Communication 2,888.4 13.1 4.	
2212 YAMAZAKI BAKING CO LTD Foods 671.4 13.0 13	
7974 NINTENDO CO LTD Other Products 7,975.3 13.0 7.	
	0.9 5.1
7747 ASAHI INTECC CO LTD Precision Instruments 674.2 11.7 9.	
	0.8 5.3
5334 NITERRA CO LTD Glass & Ceramics Products 634.8 11.3 8.	
	1.3 -18.4
4578 OTSUKA HOLDINGS CO LTD Pharmaceutical 2,732.8 11.2 7.	
7270 SUBARU CORP Transportation Equipment 1,957.9 10.8 8.	
	0.6 -4.4
4661 ORIENTAL LAND CO LTD Services 8,592.2 10.1 9.	
9001 TOBU RAILWAY CO LTD Land Transportation 745.3 9.6 9.	
5019 IDEMITSU KOSAN CO LTD 0il & Coal Products 998.7 9.6 9.	
9202 ANA HOLDINGS INC Air Transportation 1,408.3 9.4 7.	
6326 KUBOTA CORP Machinery 2,378.1 8.6 8. 7269 SUZUKI MOTOR CORP Transportation Equipment 2,868.3 8.6 6.	
5333 NGK INSULATORS LTD Glass & Ceramics Products 552.9 8.2 7. 5713 SUMITOMO METAL MINING CO LTD Nonferrous Metals 1.200.8 8.2	
	-30.0 E 0.1
6301 KOMATSULTD Machinery 3,319.7 8.1 7.	
2897 NISSIN FOODS HOLDINGS COLTD Foods 1,301.2 8.0 7.	
3659 NEXON CO LTD Information & Communication 2,244.7 8.0 3.	
4613 KANSAI PAINT CO LTD Chemicals 520.8 8.0 7.	.9 17.8

Source: BofA Global Research, Astra Manager, Bloomberg

Note: Screened by 1) TOPIX500 companies with MKT CAP above 500 bn JPY; 2) Top 50 in terms of 3-month earnings revision.



Exhibit 48: Large-cap stocks with the lowest 3-month earnings revision

Bottom 50 names in terms of 3-month earnings revision

TSE Code	Company name	Sector	MKT CAP (bn JPY)	% RP revision (vs. 3M prior)	% OP revision (vs. 3M prior)	YTD relative performance (%, vs. TOPIX)
4452	KAO CORP	Chemicals	2,518.2	-45.0	-40.8	-13.9
7733	OLYMPUS CORP	Precision Instruments	2,483.0	-26.5	-28.8	-34.9
4502	TAKEDA PHARMACEUTICAL CO LTD	Pharmaceutical	6,331.1	-24.1	-14.4	-20.2
9684	SQUARE ENIX HOLDINGS CO LTD	Information & Communication	599.4	-18.6	-24.9	-38.3
4183	MITSUI CHEMICALS INC	Chemicals	739.1	-18.3	-18.8	8.8
6762	TDK CORP	Electric Appliances	2,155.0	-17.8	-16.7	9.5
4503	ASTELLAS PHARMA INC	Pharmaceutical	3,423.0	-17.7	-18.8	-23.1
5201	AGC INC	Glass & Ceramics Products	1,148.1	-17.4	-15.2	-2.6
9962	MISUMI GROUP INC	Wholesale Trade	648.2	-17.3	-18.8	-37.5
9147	NIPPON EXPRESS HOLDINGS INC	Land Transportation	689.9	-17.5	-17.5	-57.5 -17.2
1801	TAISEI CORP	Construction	946.3	-14.2	-15.8	0.2
6967	SHINKO ELECTRIC INDUSTRIES	Electric Appliances	678.6	-14.2	-17.6	32.7
6479	MINEBEA MITSUMI INC	Electric Appliances	983.4	-14.0	-13.3	-1.7
4185	JSR CORP	Chemicals	829.8	-13.4	-16.5	34.6
6724	SEIKO EPSON CORP	Electric Appliances	768.3	-13.4 -12.8	-18.7	-3.7
8604	NOMURA HOLDINGS INC	Securities & Commodity Futures	1,840.9	-12.7	-10.7	-3.7 -1.0
4324	DENTSU GROUP INC	Services	1,155.0	-12.7	-19.6	-14.6
3407	ASAHI KASEI CORP	Chemicals	1,133.0	-12.2 -11.8	-19.0	-14.0 -20.7
9143	SG HOLDINGS CO LTD	Land Transportation	1,412.1	-11.1	-11.3 -9.6	-20.7 -4.9
6954	FANUC CORP		3,627.1	-10.7	-9.0 -12.0	-4.9 -26.4
4568		Electric Appliances	7,659.6	-10.7 -10.2	-12.0 -10.0	-26.4 -24.6
	DAIICHI SANKYO CO LTD	Pharmaceutical Chemicals	,	-10.2 -9.8		
4911	SHISEIDO CO LTD		1,906.4		-2.9	-42.6
7951	YAMAHA CORP	Other Products	733.7	-9.6	-12.6	-38.6
6702	FUJITSU LIMITED	Electric Appliances	3,975.5 605.7	-8.8	-9.1	-12.6
6806	HIROSE ELECTRIC CO LTD	Electric Appliances		-8.7	-12.5	-15.7
6502	TOSHIBA CORP	Electric Appliances	1,994.5	-8.2	-4.6	-19.2
6988	NITTO DENKO CORP	Chemicals	1,390.7	-7.4	-6.1	5.8
3436	SUMCO CORP	Metal Products	675.1	-6.6	-7.0	-10.1
7309	SHIMANO INC	Transportation Equipment	1,913.2	-6.4	-12.1	-16.3
9984	SOFTBANK GROUP CORP	Information & Communication	8,950.8	-5.6	F 7	-10.4
3291	IIDA GROUP HOLDINGS CO LTD	Real Estate	631.0	-5.5	-5.7	-4.6
6857	ADVANTEST CORP	Electric Appliances	3,082.2	-5.3	-5.2	70.5
7186	CONCORDIA FINANCIAL GROUP LT	Banks	815.3	-4.4		8.1
8309	SUMITOMO MITSUI TRUST HOLDIN	Banks	2,037.5	-4.1		4.3
4151	KYOWA KIRIN CO LTD	Pharmaceutical	1,246.9	-3.9		-39.8
6971	KYOCERA CORP	Electric Appliances	2,744.9	-3.4	-5.5	-5.6
5108	BRIDGESTONE CORP	Rubber Products	3,976.0	-3.2	0.1	2.5
6645	OMRON CORP	Electric Appliances	1,096.8	-3.2	-6.8	-20.5
2267	YAKULT HONSHA CO LTD	Foods	1,211.3	-3.2	-3.7	-36.1
9064	YAMATO HOLDINGS CO LTD	Land Transportation	946.7	-2.9	-3.7	-0.5
5332	TOTO LTD	Glass & Ceramics Products	639.8	-2.9	-7.7	-37.6
4523	EISAI CO LTD	Pharmaceutical	2,317.7	-2.8	-2.4	-26.8
6506	YASKAWA ELECTRIC CORP	Electric Appliances	1,306.3	-2.7	-3.0	0.0
8572	ACOM CO LTD	Other Financing Business	547.5	-2.7	-3.0	-6.9
6367	DAIKIN INDUSTRIES LTD	Machinery	6,216.9	-2.5	-1.5	-13.0
7276	KOITO MANUFACTURING CO LTD	Electric Appliances	711.2	-2.4	-1.7	-6.7
4062	IBIDEN CO LTD	Electric Appliances	901.2	-2.4	-4.5	17.8
6963	ROHM CO LTD	Electric Appliances	1,022.4	-2.3	-8.2	-13.5
9843	NITORI HOLDINGS CO LTD	Retail Trade	1,865.4	-2.2	-2.4	-23.9
8725	MS&AD INSURANCE GROUP HOLDIN	Insurance	2,892.1	-2.2		10.4

Source: BofA Global Research, Astra Manager, Bloomberg

Note: Screened by 1) TOPIX500 companies with MKT CAP above 500 bn JPY; 2) Bottom 50 in terms of 3-month earnings revision.



Disclosures

Important Disclosures

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R1}

Buy≥ 10%≤ 70%Neutral≥ 0%≤ 30%UnderperformN/A≥ 20%

INCOME RATINGS, indicators of potential cash dividends, are: 7 - same/higher (dividend considered to be secure), 8 - same/lower (dividend not considered to be secure) and 9 - pays no cash dividend. Coverage Cluster is comprised of stocks covered by a single analyst or two or more analysts sharing a common industry, sector, region or other classification(s). A stock's coverage cluster is included in the most recent BofA Global Research report referencing the stock.

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